

Service Manual

LCD Display



TH-32LHD7UY
TH-32LHD7UXK
TH-32LHD7UXS
TH-32LHD7EK
TH-32LHD7ES
TH-32LHD7BK
TH-32LHD7BS

LL10 Chassis

Specifications

Power Source (UY/UXK/UXS Version)	120 V AC, 50 / 60 Hz
Power Source (EK/ES/BK/BS Version)	220 - 240 V AC, 50 / 60 Hz
Power Consumption (UY/UXK/UXS Version)	
Maximum	234W
Stand-by condition	Save OFF 0.8 W, Save ON 0.6 W
Power off condition	0.2 W
Power Consumption (EK/ES/BK/BS Version)	
Normal use	165 W
Stand-by condition	Save off 1.0 W, Save on 0.8 W
Power off condition	0.4 W
LCD Display panel	1,366 × 768 pixels widescreen LCD panel
Contrast Ratio	800:1
Screen size (No. of pixels)	697.7 mm (W) × 392.3 mm (H) × 800.4 mm (diagonal) 1,049,088 (1,366 (W) × 768 (H)) [4,096 × 768 dots]
Operating condition	
Temperature	32 ° F - 104 ° F (0 ° C - 40 ° C)
Humidity	20 % - 80 %
Applicable signals	
Colour System	NTSC, PAL, PAL60, SECAM, Modified NTSC
Scanning format	525 (480) / 60i • 60p, 625 (575) / 50i • 50p, 750 (720) / 60p • 50p, 1125 (1080) / 60i • 50i • 24p • 25p • 30p • 24sF SMPTE274M, 1250 (1080) / 50i

PC signals
 WXGA display
 SVGA, XGA, SXGA, UXGA (compressed)
 Horizontal scanning frequency 15 - 110 kHz
 Vertical scanning frequency 48 - 120 Hz

Connection terminals

AV	VIDEO IN (BNC)	1.0 Vp-p (75-ohm or high impedance)
(EK/ES/BK/BS/UY Version)	VIDEO OUT (BNC)	1.0 Vp-p (low impedance)
	S VIDEO IN (MINI DIN 4PIN)	Y: 1.0 Vp-p (75-ohm), C: 0.286 Vp-p (75-ohm)
	AUDIO IN (RCA PIN JACK × 2)	0.5 Vrms (high impedance)
COMPONENT / RGB	Y / G (BNC)	Y or G with sync 1.0 Vp-p (75-ohm)
(EK/ES/BK/BS/UY Version)		G without sync 0.7 Vp-p (75-ohm)
	R _B / B (BNC), P _R / R (BNC)	0.7 Vp-p (75-ohm)
	AUDIO IN (RCA PIN JACK × 2)	0.5 Vrms (high impedance)
PC	R, G, B :	0.7 Vp-p (75-ohm)
	Component	
	Y :	1.0 Vp-p (75-ohm)
	P _R / C _R , P _B / C _B :	0.7 Vp-p (75-ohm)
	HD, VD :	1.0 - 5.0 Vp-p (high impedance)
	(HIGH-DENSITY D-SUB 15PIN)	
	AUDIO IN (M3 JACK)	0.5 Vrms (high impedance)
SERIAL	EXTERNAL CONTROL TERMINAL (D-SUB 9PIN)	RS-232C COMPATIBLE
SPEAKERS (6 Ω)	16 W [8 W + 8 W] (10 % THD)	

Accessories Supplied

Remote Control Transmitter	EUR646535
Batteries	AA/UM3/R6 Size × 2
Fixing bands	(TMME203) × 2
Ferrite core	J0KF00000018 × 2, J0KG000000054 × 2

Dimensions (W × H × D) 805 mm × 499.6 mm × 102 mm (exclusive of protruding portion)

Mass (Weight) (UY Version)

main unit only	approx. 37.5 lbs
with speakers	approx. 46.3 lbs

Mass (Weight)

(UXK/UXS Version)

main unit only	approx. 36.4 lbs
with speakers	approx. 45.2 lbs

Mass (Weight)

(EK/ES/BK/BS Version)

main unit only	approx. 17.0 kg net
with speakers	approx. 21.0 kg

Notes:

- Design and specifications are subject to change without notice. Mass and dimensions shown are approximate.
- This equipment (EK/ES/BK/BS Version) complies with the EMC standards listed below.
 EN55013, EN55020, EN55022, EN55024, EN61000-3-2, EN61000-3-3.

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

CONTENTS

	Page		Page
1 Applicable signals	4	14 Schematic Diagrams	47
2 Safety Precautions	5	14.1. Schematic Diagram Notes	47
2.1. General Guidelines	5	14.2. Main Block Diagram (1 of 2)	48
3 Prevention of Electro Static Discharge (ESD) to		14.3. Main Block Diagram (2 of 2)	49
Electrostatically Sensitive (ES) Devices	6	14.4. PF, HA and Z-Board Block Diagram	50
4 About lead free solder (PbF)	7	14.5. P, H3, V, S, HX and R-Board Block Diagram	51
5 PCB Structure sheet of LL10 chassis	8	14.6. HB-Board Block Diagram	52
6 Service Hint	9	14.7. J-Board Block Diagram	53
7 Disassembly / Exchange	10	14.8. D-Board Block Diagram	54
7.1. Before exchanging the board	10	14.9. PF, V, R and S-Board Schematic Diagram	55
7.2. How to exchange the Board in condition the Pedestal		14.10. HA-Board Schematic Diagram	56
(Option) is installed in the LCD set.	11	14.11. HB-Board (1 fo 2) Schematic Diagram	57
7.3. How to exchange the Board in condition the Pedestal		14.12. HB-Board (2 fo 2) Schematic Diagram	58
(Option) is removed from the LCD set.	21	14.13. HX-Board Schematic Diagram	59
8 Location of Lead Wiring	25	14.14. J-Board (1 of 4) Schematic Diagram	60
9 Service mode	26	14.15. J-Board (2 of 4) Schematic Diagram	61
9.1. CAT (computer Aided Test) mode	26	14.16. J-Board (3 of 4) Schematic Diagram	62
9.2. IIC mode structure (following items value is sample data.)		14.17. J-Board (4 of 4) Schematic Diagram	63
.....	28	14.18. D-Board (1 of 10) Schematic Diagram	64
10 Alignment	29	14.19. D-Board (2 of 10) Schematic Diagram	65
10.1. PC / RGB / NTSC / PAL / DVI / HD / 525i / 525p / 625i /		14.20. D-Board (3 of 10) Schematic Diagram	66
625p panel white balance	29	14.21. D-Board (4 of 10) Schematic Diagram	67
11 Trouble shooting guide	33	14.22. D-Board (5 of 10) Schematic Diagram	68
11.1. Self Check	33	14.23. D-Board (6 of 10) Schematic Diagram	69
11.2. No Power	34	14.24. D-Board (7 of 10) Schematic Diagram	70
11.3. No Picture	34	14.25. D-Board (8 of 10) Schematic Diagram	71
12 Option Setting	35	14.26. D-Board (9 of 10) Schematic Diagram	72
12.1. How to access and setting	35	14.27. D-Board (10 of 10) Schematic Diagram	73
12.2. Contents of Option Menu	36	14.28. Z-Board (1 of 2) and H3-Board Schematic Diagram	74
13 Circuit Board Layout	37	14.29. Z-Board (2 of 2) Schematic Diagram	75
13.1. PF-Board	37	15 Parts Location	77
13.2. HA-Board	38	15.1. Parts Location (1)	77
13.3. Z-Board	39	15.2. Parts Location (2)	78
13.4. HX-Board	40	15.3. Packing Exploded View	79
13.5. R, S, H3 and V-Board	41	16 Replacement Parts List	80
13.6. HB-Board	42	16.1. Mechanical Replacement Parts List	80
13.7. J-Board	43	16.2. Replacement Parts List Notes	81
13.8. D-Board	45	16.3. Electrical Replacement Parts List	82

1 Applicable signals

VIDEO input [Applicable when Multi Screen and Digital Zoom] (Except UXK/UXS)

	Signal name	Horizontal frequency(kHz)	Vertical frequency(Hz)
1	NTSC	15.73	59.94
2	PAL	15.63	50.00
3	PAL60	15.73	59.94
4	SECAM	15.63	50.00
5	Modified NTSC	15.73	59.94

Applicable input signals for PC Input (D-sub 15P) (* Mark)

	Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)	COMPONENT		RGB		PC		When Multi Screen and Digital Zoom
				UY/UXK/UXS	EK/ES/BK/BS	UY/UXK/UXS	EK/ES/BK/BS	UY/UXK/UXS	EK/ES/BK/BS	
1	525 (480) / 60i	15.73	59.94	*		*	*	*		*
2	525 (480) / 60p	31.47	59.94	*		*	*	*1		*
3	625 (575) / 50i	15.63	50.00	*		*	*	*		*
4	625 (575) / 50p	31.25	50.00	*		*	*	*		*
5	750 (720) / 60p	45.00	60.00	*		*	*	*		*
6	750 (720) / 50p	37.50	50.00	*		*	*	*		*
7	1,125 (1,080) / 60i	33.75	60.00	*		*	*	*		*
8	1,125 (1,080) / 50i	28.13	50.00	*		*	*	*		*
9	1,125 (1,080) / 24p	27.00	47.92	*		*	*	*		*
10	1,125 (1,080) / 24sF	33.75	30.00	*		*	*	*		*
11	1,125 (1,080) / 25p	28.13	25.00	*		*	*	*		*
12	1,125 (1,080) / 30p	27.00	24.00	*		*	*	*		*
13	1,250 (1,080) / 50i	31.25	50.00	*		*	*	*		*
14	640 × 400 @70 Hz	31.46	70.07			*	*	*		*
15	640 × 480 @60 Hz	31.47	59.94			*2	*	*		*
16	640 × 480 @72 Hz	37.86	72.81			*	*	*		*
17	640 × 480 @75 Hz	37.50	75.00			*	*	*		*
18	640 × 480 @85 Hz	43.27	85.01			*	*	*		*
19	852 × 480 @60 Hz	31.47	59.94			*2	*	*		*
20	800 × 600 @56 Hz	35.16	56.25			*	*	*		*
21	800 × 600 @60 Hz	37.88	60.32			*	*	*		*
22	800 × 600 @72 Hz	48.08	72.19			*	*	*		*
23	800 × 600 @75 Hz	46.88	75.00			*	*	*		*
24	800 × 600 @85 Hz	53.67	85.06			*	*	*		*
25	1,024 × 768 @60 Hz	48.36	60.00			*	*	*		*
26	1,024 × 768 @70 Hz	56.48	70.07			*	*	*		*
27	1,024 × 768 @75 Hz	60.02	75.03			*	*	*		*
28	1,024 × 768 @85 Hz	68.68	85.00			*	*	*		*
29	1,152 × 864 @75 Hz	67.50	75.00			*	*	*		*
30	1,280 × 960 @60 Hz	60.00	60.00			*	*	*		*
31	1,280 × 960 @85 Hz	85.94	85.00			*	*	*		*
32	1,280 × 1,024 @60 Hz	63.98	60.02			*	*	*		*
33	1,280 × 1,024 @75 Hz	79.98	75.03			*	*	*		*
34	1,280 × 1,024 @85 Hz	91.15	85.02			*	*	*		*
35	1,600 × 1,200 @60 Hz	75.00	60.00			*	*	*		*
36	1,600 × 1,200 @65 Hz	81.25	65.00			*	*	*		*
37	1,066 × 600 @60 Hz	37.88	60.32			*	*	*		*
38	1,366 × 768 @60 Hz	48.36	60.00			*	*	*		*
39	Macintosh13" (640 × 480)	35.00	66.67			*	*	*		*
40	Macintosh16" (832 × 624)	49.72	74.54			*	*	*		*
41	Macintosh21" (1,152 × 870)	68.68	75.06			*	*	*		*

* 1: When selected the RGB format and 525p signal input to the D-sub terminal, it is recognized as VGA 60Hz signal.

* 2: When inputted VGA 60Hz format signal from the other than D-sub terminal, it is recognized as 525p signal.

Note: Signals without above specification may not be displayed properly.

2 Safety Precautions

2.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

2.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between $1M\Omega$ and $5.2M\Omega$.

When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

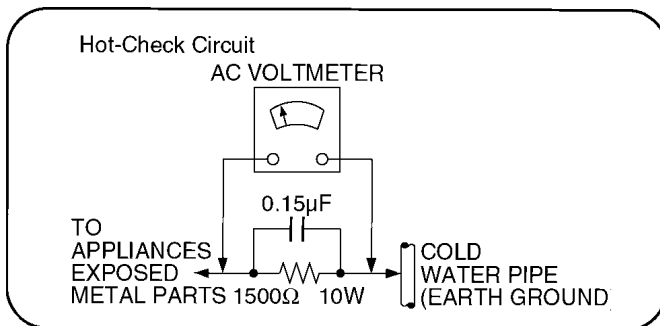


Figure 1

2.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a $1.5k\Omega$, 10 watts resistor, in parallel with a $0.15\mu F$ capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed $1/2$ milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

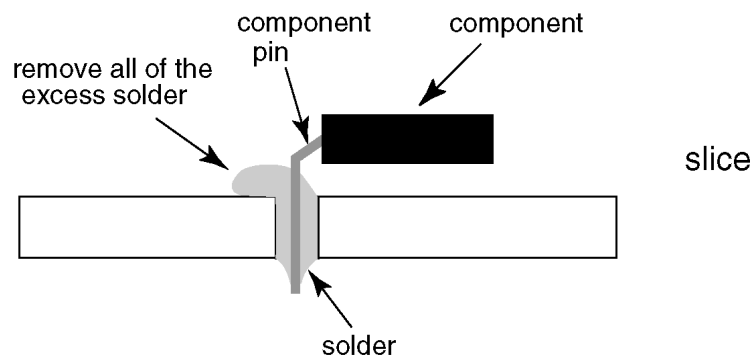
PCBs manufactured using lead free solder will have the PbF within a leaf Symbol  stamped on the back of PCB.

Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

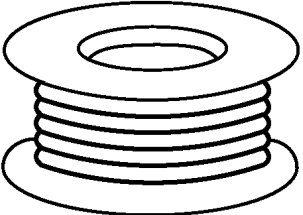
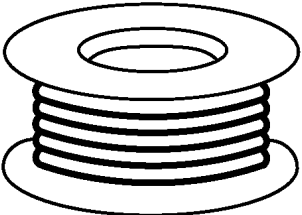
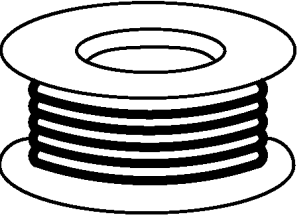
If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.

- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

5 PCB Structure sheet of LL10 chassis

Board Name	Function	Remarks
D	Digital Signal Processor	1
J	Slot Interface & SYNC processor	1
Z	Audio out, DC-DC converter	
H3	Speaker terminal	
S	Power switch	
V	Operation SW.	
R	Power indicator & Remote receiver	1
PF	Line filter	1
P	Power supply	1
HX	PC type Input terminal	
HB	BNC Composite/Component Video	2
HA	BNC Component Video	2

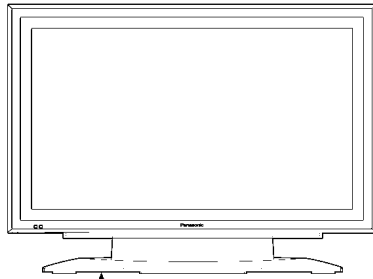
Remarks

1. Recommend PCB's for initial service for LL10 chassis.
2. Only for EK/ES/BK/BS/UY models.

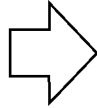
6 Service Hint

[How to set the LCD unit for servicing]

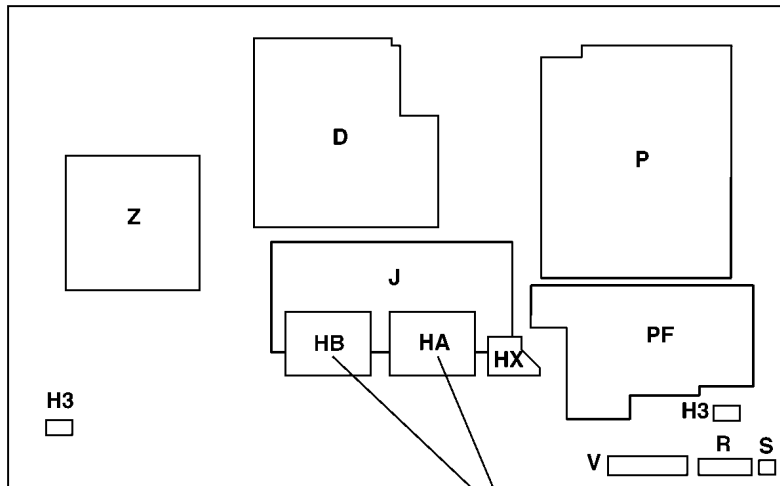
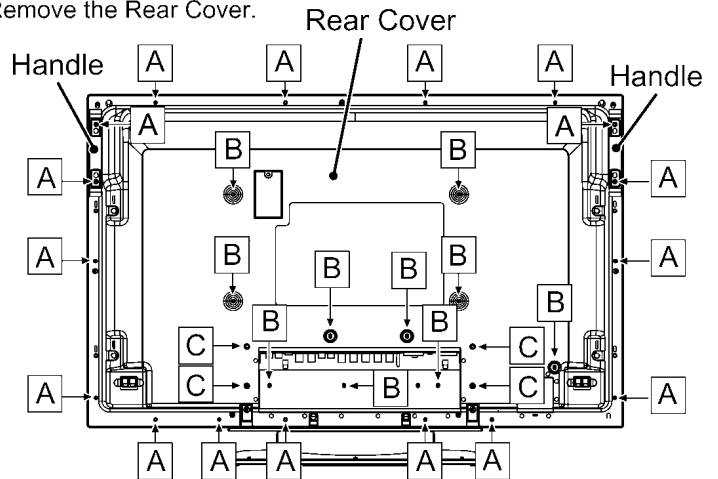
Place the LCD unit on the pedestal.



Pedestal (Optional Accessory)



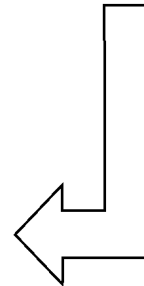
Remove the Rear Cover.



P.C. Boards Location

TH-32LHD7UY
TH-32LHD7EK / ES
TH-32LHD7BK / BS

Remove : 4 screws **C** XYN4+F20FJK
10 screws **B** THEL0239
17 screws **A** XTW4+16SFJK



Note:

Extension cable kit for Slot Board is supplied as service fixtures and tools.
(Part No. TZSC0704)

7 Disassembly / Exchange

7.1. Before exchanging the board

- When exchanging the board, there are two kinds of the board, the board which can be exchange in condition the pedestal(Optional) is installed in the LCD set and the board which cannot be exchange if the pedestal(Optional) is not removed from the LCD set.

(Refer to the following list of the the board removal category.)

7.1.1. Board removal category

	the board which can be exchange in condition the pedestal(Optional) is installed in the LCD set.	the board which cannot be exchange if the pedestal(Optional) is not removed from the LCD set.
[Z] Audio out, DC-DC converter Board	●	—
[H3] Speaker terminal Board	●	—
FAN	●	—
[P] Power supply Board	●	—
[V] Operation SW Board	●	—
[S] Power switch Board	●	—
[R] Power indicator & Remote receiver Board	●	—
[HB] BNC Composite/Component Video Board	●	—
[HA] BNC Component Video Board	●	—
[J] Slot Interface & SYNC processor Board	●	—
[HX] PC_type_Input terminal Board	●	—
[D] Digital Signal Processor Board	●	—
[PF] Line filter Board	×	●
LCD module(finished)	×	●

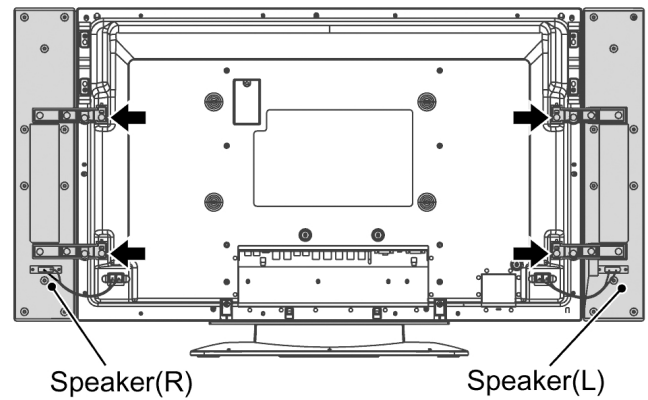
- [●]: Enable to exchange
- [×]: Disable to exchange

7.2. How to exchange the Board in condition the Pedestal (Option) is installed in the LCD set.

The following write explains how to exchange in condition the Speaker (Option) is installed in the LCD set.

7.2.1. Removal of the Speaker (L, R) (Option)

- (1) Remove the Speaker cable (L, R).
- (2) Remove the each of 2 Speaker fixed screws.
- (3) Remove the Speaker (L, R)



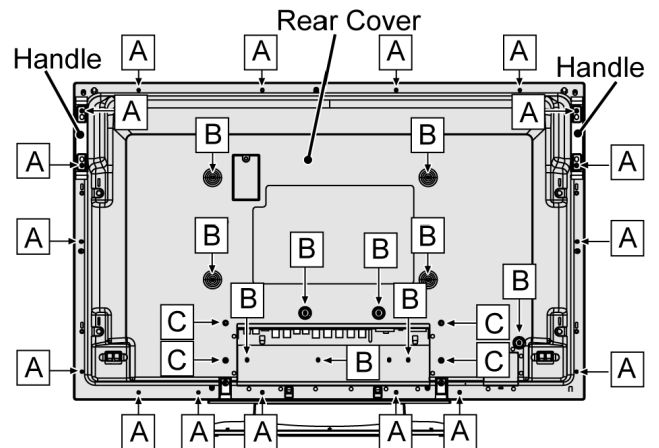
7.2.2. Removal of the Rear Cover

- (1) Remove the 17 screws (A) of the Rear Cover .

Caution:

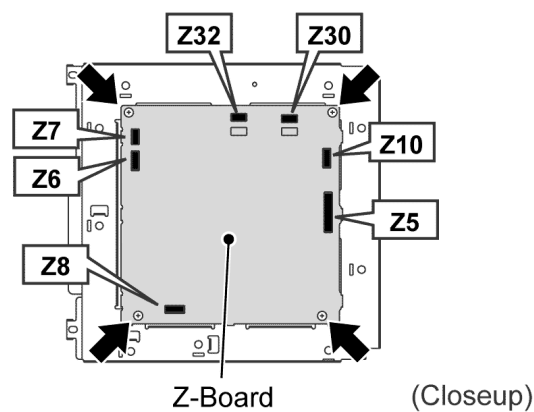
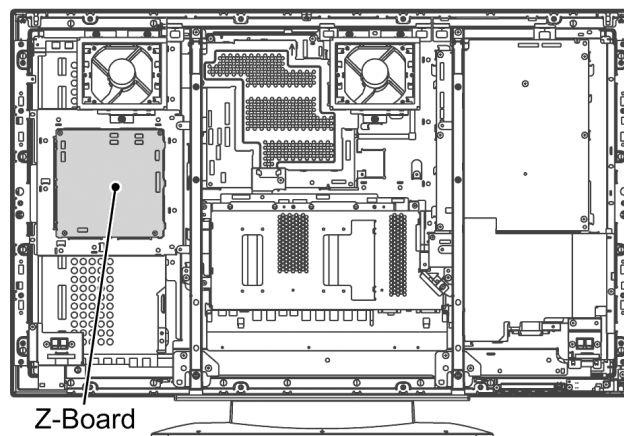
Remove the Handles at that time.

- (2) Remove the 10 screws (B) of the Rear Cover.
- (3) Remove the 4 screws (C) of the Pedestal (Option).
- (4) Remove the Rear Cover .



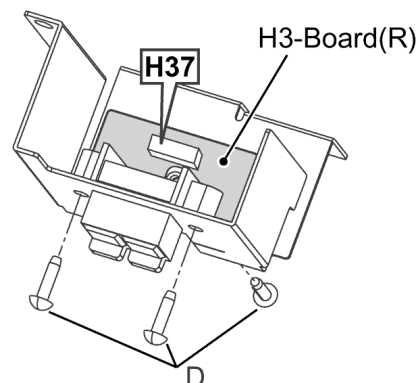
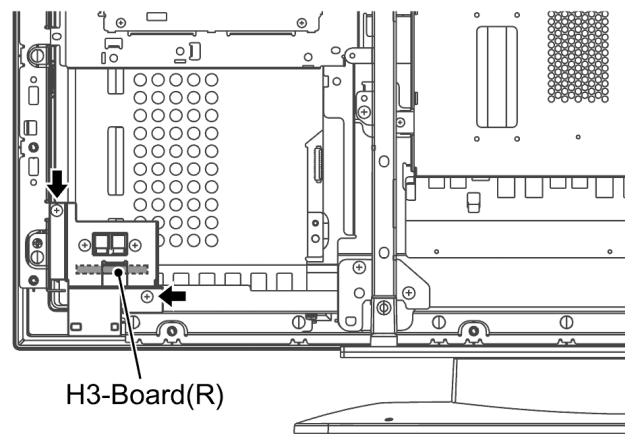
7.2.3. Exchange of the Z-Board

- (1) Disconnect the couplers (Z5, Z6, Z7, Z8, Z10, Z30, Z32).
- (2) Remove the 4 screws of the Z-Board and then remove the Z-Board.



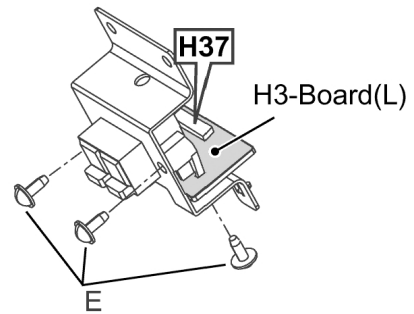
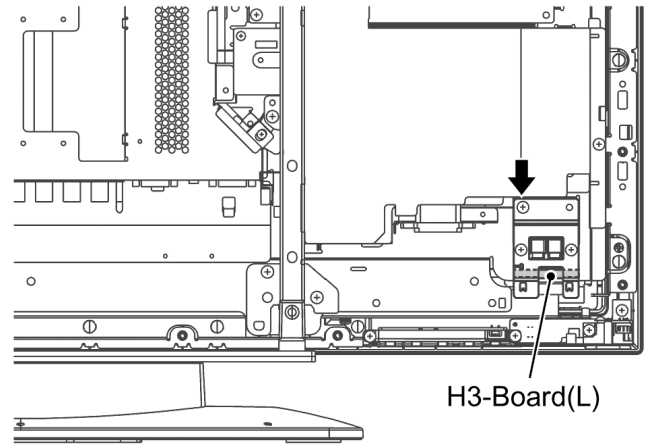
7.2.4. Exchange of the H3-Board (R)

- (1) Remove the 2 screws of the H3-Board (R) fixed angle.
- (2) Disconnect the coupler (H37).
- (3) Remove the 3 screws (D) and then remove the H3-Board (R).
- (4) Exchange the new H3-Board.



7.2.5. Exchange of the H3-Board (L)

- (1) Remove the 1 screw of the H3-Board (L) fixed angle.
- (2) Disconnect the coupler (H37).
- (3) Remove the 3 screws (E) and then remove the H3-Board (L).
- (4) Exchange the new H3-Board.

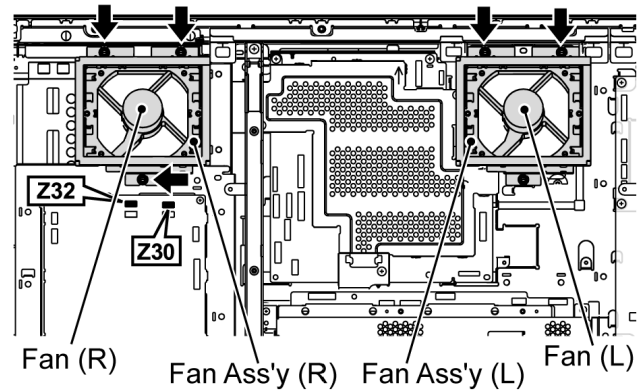


7.2.6. Exchange of the Fan(L), (R)

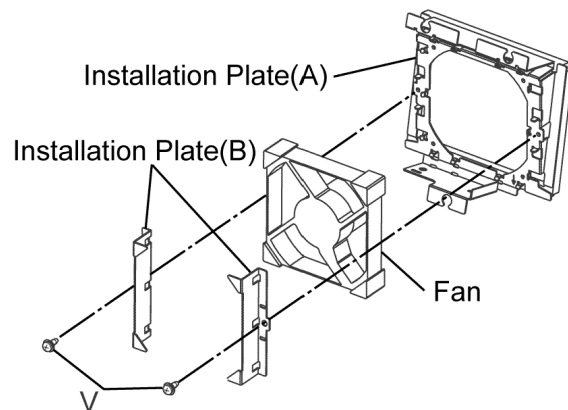
- (1) Disconnect the coupler from the Fan Ass'y (L), (R).

Fan (L): Coupler Z30
Fan (R): Coupler Z32

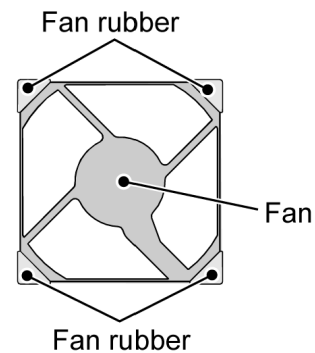
- (2) Remove the each 3 screws of the Fan Ass'y (L), (R) and then remove the Fan Ass'y (L), (R).



- (3) Remove the 2 screws (V) of the Installation Plate (B) and then remove the both of the Installation Plate (A) and the Installation Plate (B).



- (4) Remove the 4 Fan rubbers.

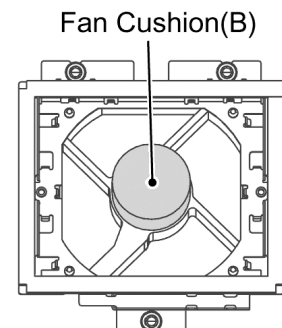


- (5) Exchange the new Fan.

Caution when the Fan is installed:

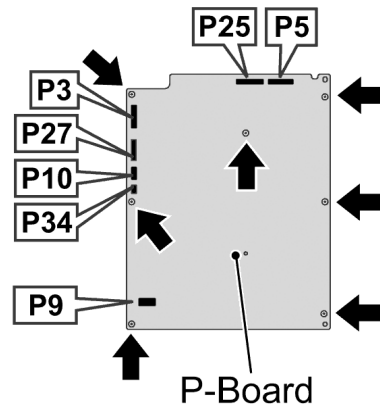
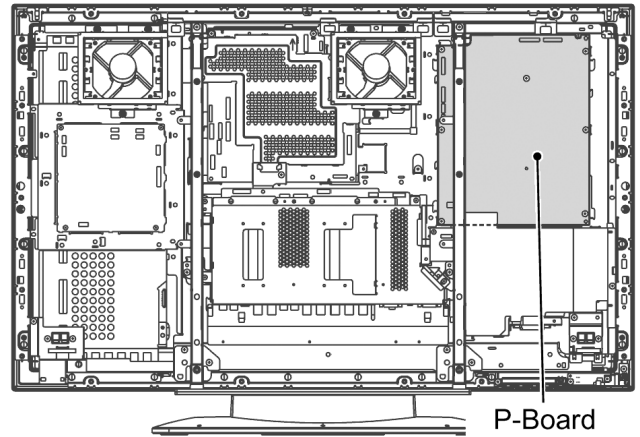
Please exchange a new Fan Cushion (B) at the time of Fan exchange.

Fan Cushion (B) : TMKG526



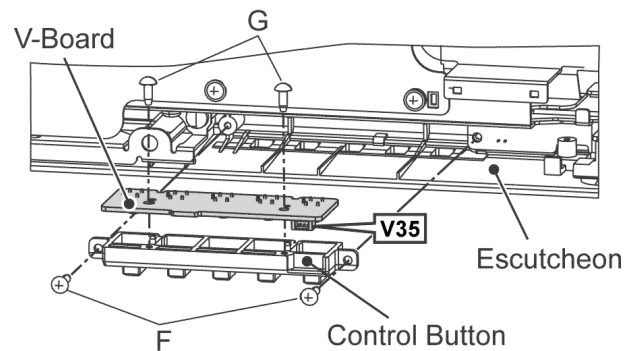
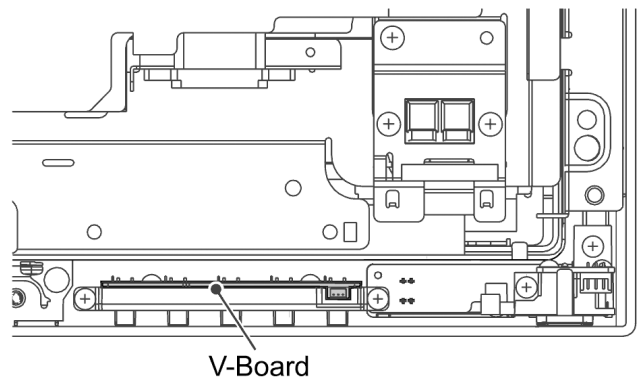
7.2.7. Exchange of the P-Board

- (1) Disconnect the couplers (P3, P5, P9, P10, P25, P27, P34).
- (2) Remove the 7 screws of the P-Board and then remove the P-Board.
- (3) Exchange the new P-Board.



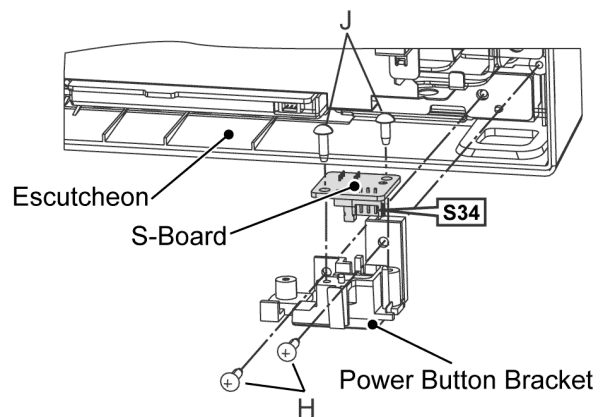
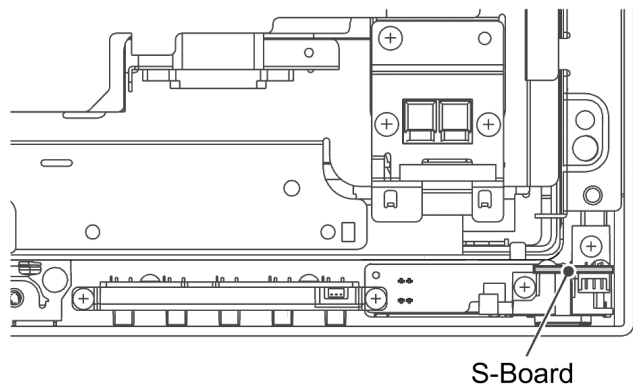
7.2.8. Exchange of the V-Board

- (1) Remove the 2 screws (F) of the Control Button.
- (2) Disconnect the coupler (V35) and then remove the V-Board and the Control Button.
- (3) Remove the 2 screws (G) and then remove the V-Board.
- (4) Exchange the new V-Board.



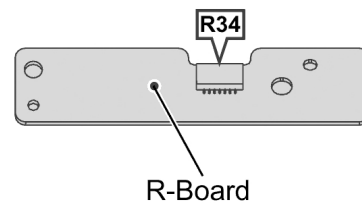
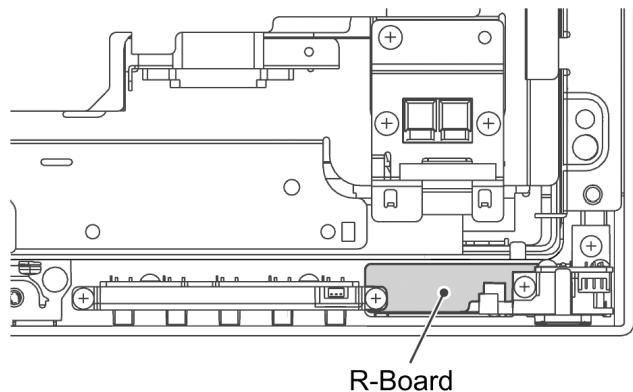
7.2.9. Exchange of the S-Board

- (1) Remove the 2 screws (H) of the S-Board.
- (2) Disconnect the coupler (S34) and then remove the S-Board and the Power Button Bracket.
- (3) Remove the 2 screws (J) and then remove the S-Board.
- (4) Exchange the new S-Board.



7.2.10. Exchange of the R-Board

- (1) Remove the V-Board and the Control Button Bracket.
(Refer to Exchange of the V-Board.)
- (2) Remove the S-Board and the Power Button Bracket.
(Refer to Exchange of the S-Board.)
- (3) Disconnect the coupler (R34) and then remove the R-Board.
- (4) Exchange the new R-Board.

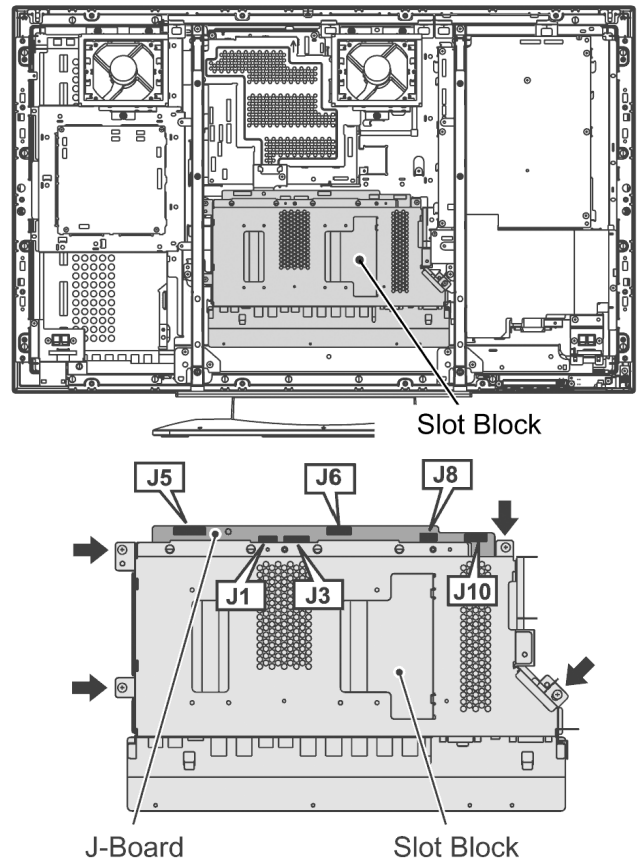


7.2.11. Removal of the Slot Block

- (1) Disconnect the couplers (J1, J3, J5, J6, J8, J10).
- (2) Remove the 4 screws of the Slot Block and then remove the Slot Block.

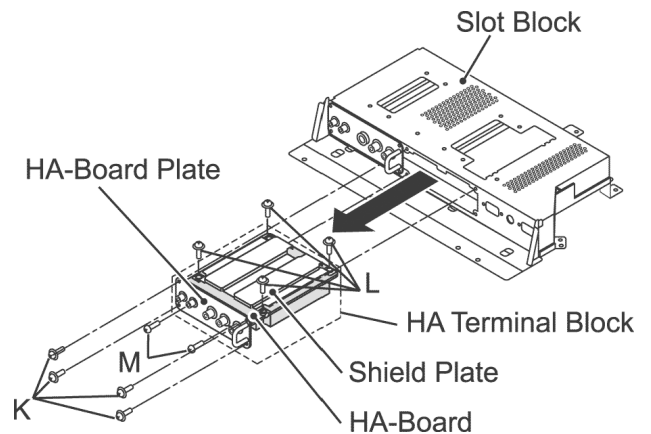
Caution

Remove the cable from clumper at that time according to the necessity.



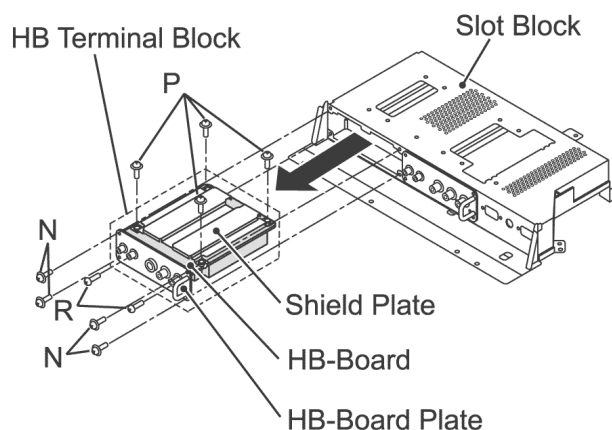
7.2.12. Exchange of the HA-Board

- (1) Remove the Slot Block.
(Refer to Removal of the Slot Block.)
- (2) Remove the 4 screws (K) of the HA Terminal Block and then pull the HA Terminal Block in the direction of the arrow.
- (3) Remove the 4 screws (L) of the Shield Plate.
- (4) Remove the 2 screws (M) of the HA-Board Plate.
- (5) Exchange the new HA-Board.



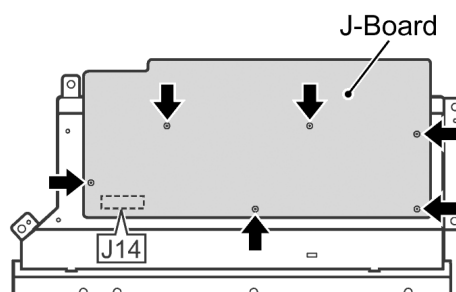
7.2.13. Exchange of the HB-Board

- (1) Remove the Slot Block.
(Refer to Removal of the Slot Block.)
- (2) Remove the 4 screws (N) of the HB Terminal Block and then pull the HB Terminal Block in the direction of the arrow.
- (3) Remove the 4 screws (P) of the Shield Plate.
- (4) Remove the 2 screws (R) of the HB-Board Plate.
- (5) Exchange the new HB-Board.



7.2.14. Exchange of the J-Board

- (1) Remove the Slot Block.
(Refer to Removal of the Slot Block.)
- (2) Remove the HA Terminal Block.
(Refer to Exchange of the HA-Board.)
- (3) Remove the HB Terminal Block.
(Refer to Exchange of the HB-Board.)
- (4) Remove the 6 screws of the J-Board and then remove the J-Board.
- (5) Exchange the new J-Board.

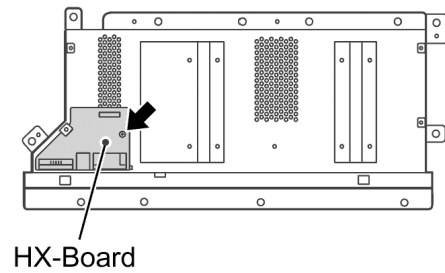
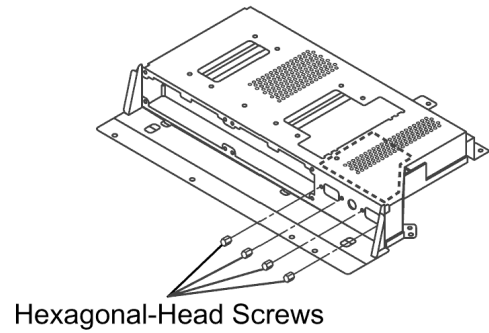
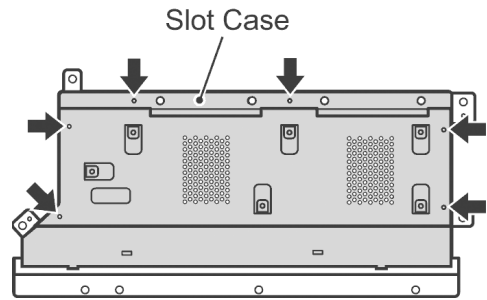


Caution

Take care to connect the coupler (J14) at that time.

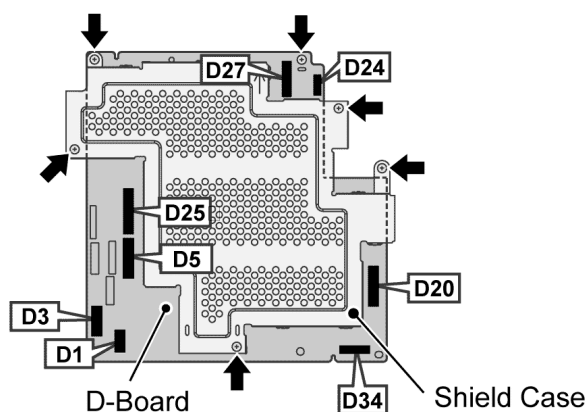
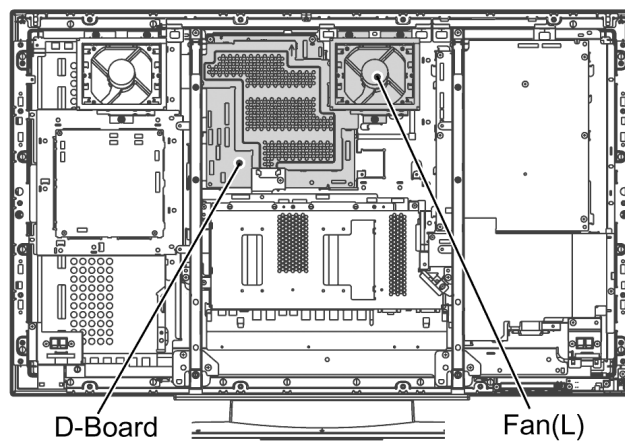
7.2.15. Exchange of the HX-Board

- (1) Remove the Slot Block.
(Refer to Removal of the Slot Block.)
- (2) Remove the HA Terminal Block.
(Refer to Exchange of the HA-Board.)
- (3) Remove the HB Terminal Block.
(Refer to Exchange of the HB-Board.)
- (4) Remove the J-Board.
(Refer to Exchange of the J-Board.)
- (5) Remove the 6 screws of the Slot Case and then remove the Slot Case.
- (6) Remove the 4 Hexagonal-Head Screws and the 1 screw of the HX-Board and then remove the HX-Board.
- (7) Exchange the new HX-Board.



7.2.16. Exchange of the D-Board

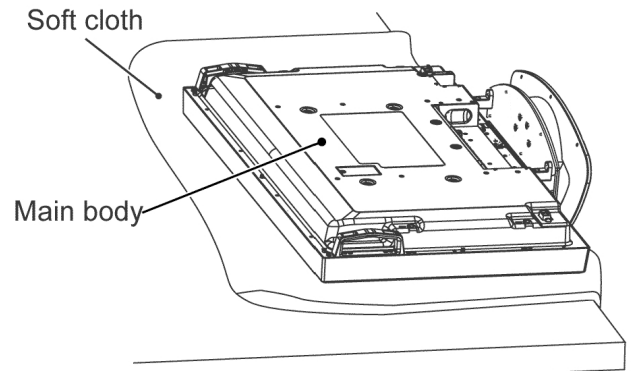
- (1) Remove the Fan (L).
(Refer to Exchange of the Fan (L), (R).)
- (2) Disconnect the couplers (D1, D3, D5, D20, D24, D25, D27, D34).
- (3) Remove the 6 screws of the D-Board and then remove the both of the D-Board and the Shield Case.
- (4) Exchange the new D-Board.



7.3. How to exchange the Board in condition the Pedestal (Option) is removed from the LCD set.

7.3.1. Preparation for exchange

- (1) Spread a soft cloth on the table in order not to damage the LCD screen and then lay the LCD set in the table.

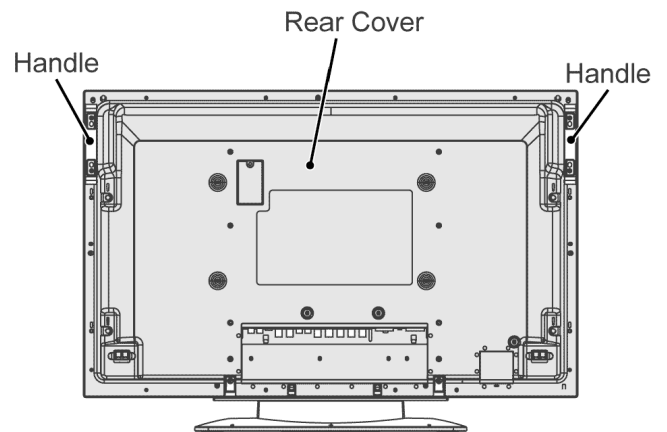


Caution

Use a soft cloth that doesn't damage the LCD screen.

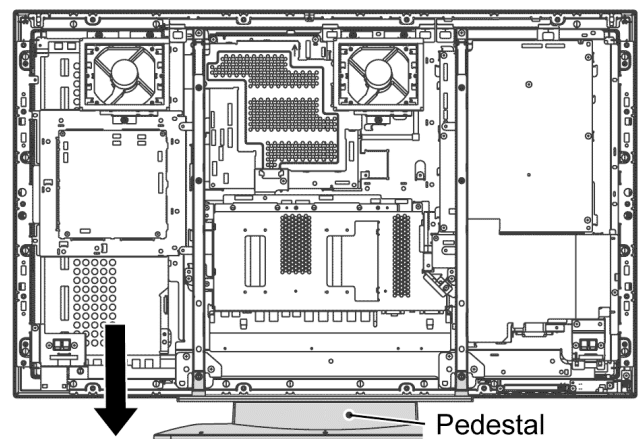
7.3.2. Removal of the Rear Cover

- (1) Remove the Rear Cover (finished).
(Refer to Removal of the Rear Cover (finished).)



7.3.3. Removal of the Pedestal(Optional)

- (1) Slide the Pedestal(Optional) and remove the Pedestal(Optional).

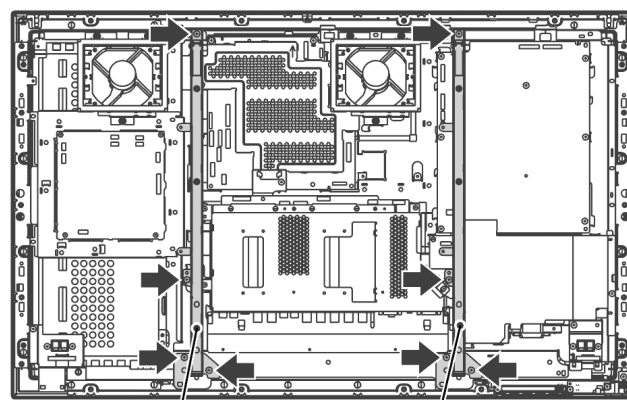


7.3.4. Removal of the Reinforcement Angle(L, R)

- (1) Remove the each of 4 screws of the Reinforcement Angle(L, R) and then remove the Reinforcement Angle(L, R).

Caution

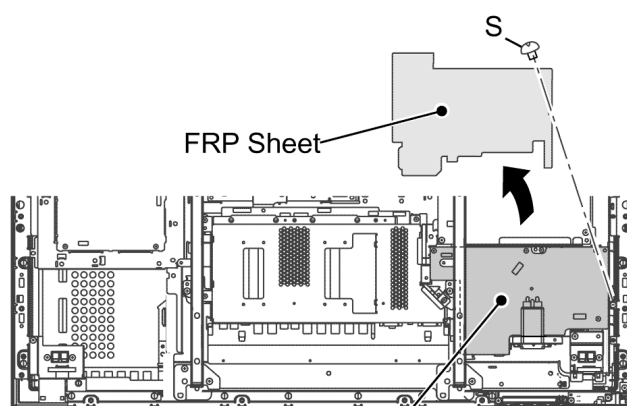
Remove the cable from clammer at that time according to the necessity.



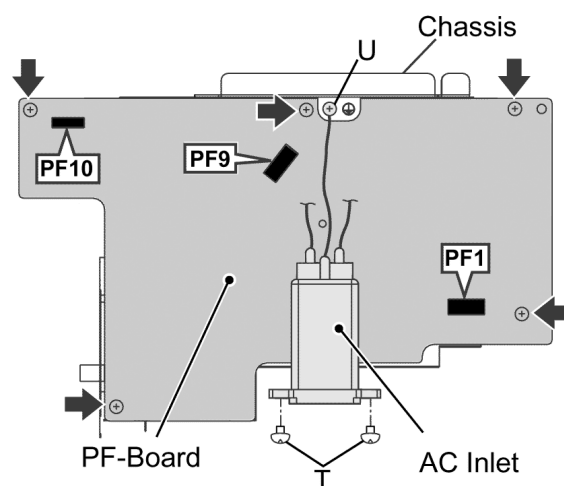
Reinforcement Angle(R) Reinforcement Angle(L)

7.3.5. Exchange of the PF-Board

- (1) Remove of the 1 screw (S) of the FRP Sheet and then remove the FRP Sheet.
- (2) Disconnect the couplers (PF1, PF9, PF10).
- (3) Remove the 2 screws (T) of the AC Inlet and the 1 screw (U) the GND Cable and then remove the AC Inlet.
- (4) Remove the 5 screws of the PF-Board and then remove the PF-Board.
- (5) Exchange the new PF-Board.

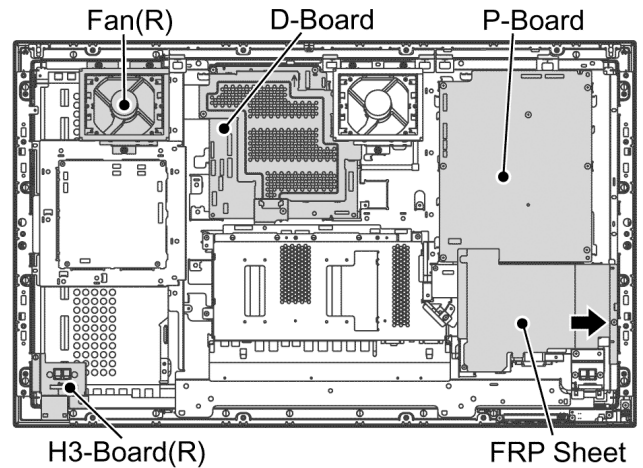


PF-Board

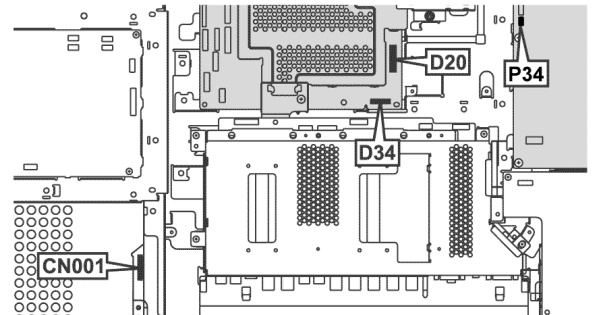


7.3.6. Exchange of the LCD Panel

- (1) Remove the Fan (R).
(Refer to Exchange of the Fan (L), (R).)
- (2) Remove the H3-Board (R).
(Refer to Exchange of the H3-Board (R) .)
- (3) Remove of the 1 screw of the FRP Sheet and then remove the FRP Sheet.

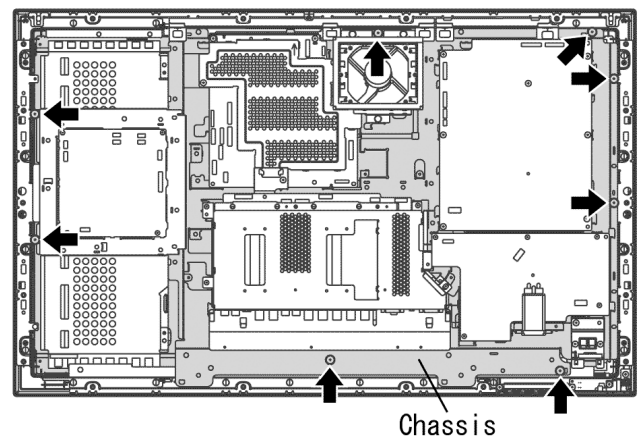


- (4) Disconnect the coupler (CN001) from the LCD Panel.
- (5) Disconnect the couplers (D20, D34) from the D-Board.
Caution
Remove the cable from clamber at that time.

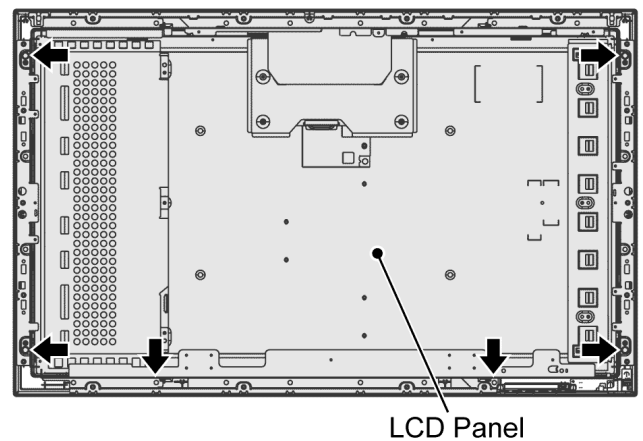


- (6) Disconnect the coupler (P34) from the P-Board.
Caution
Remove the cable from clamber at that time.

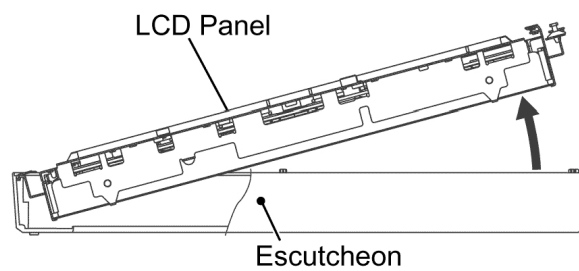
- (7) Remove the 8 screws of the Chassis and then remove the Chassis.
Caution
Remove the cable from the clamber at that time according to the necessity.



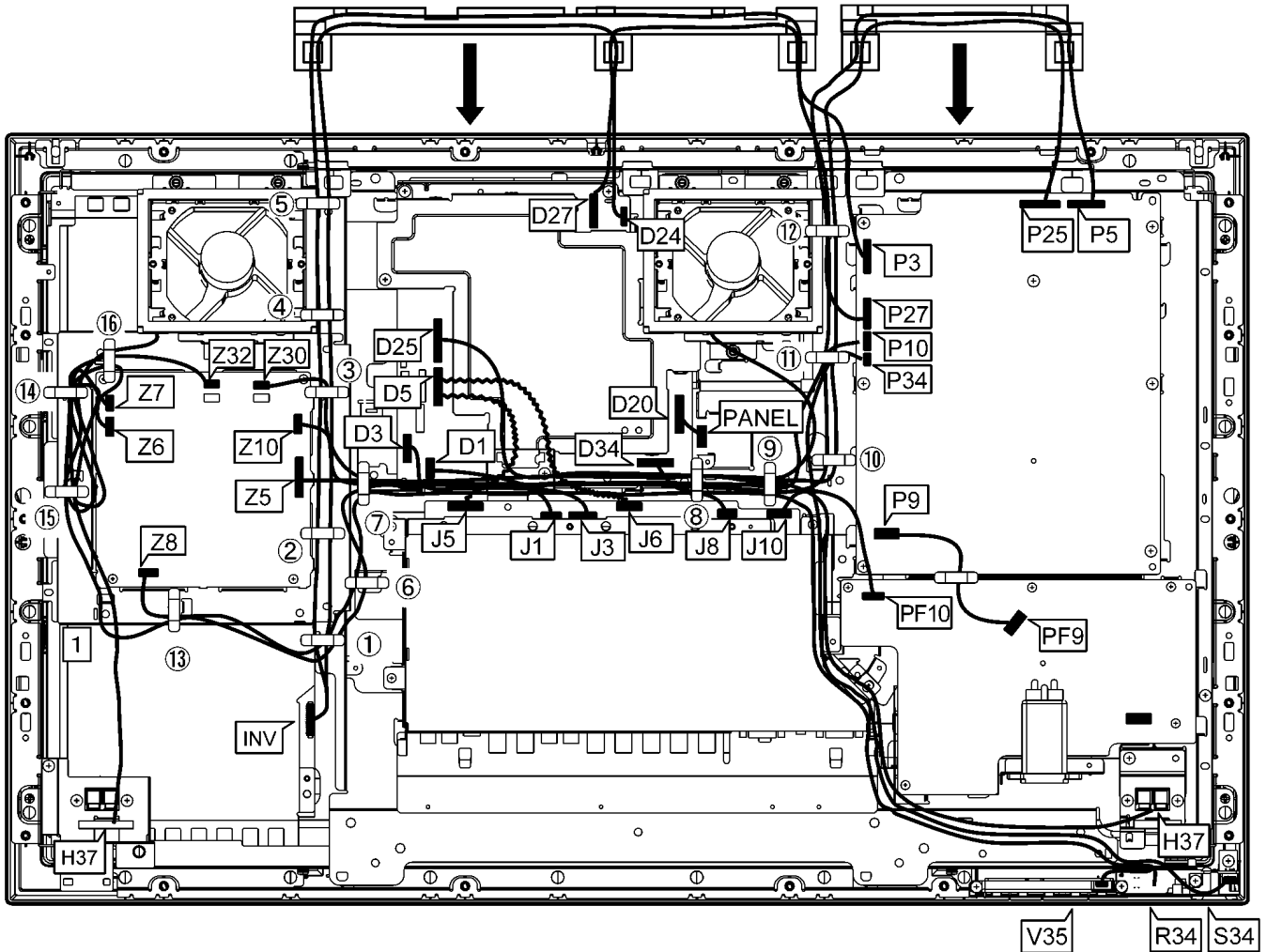
- (8) Remove the 6 screws of the LCD Panel .



(9) Exchange the LCD Panel from the Escutcheon).



8 Location of Lead Wiring



Lead cable \ Clamp	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯
INV – P3・D24	●	●	●	●	●											
D27 – P27												●				
Z5 – P5							●	●	●	●	●	●				
D25 – P25								●	●	●	●	●				
PANEL – D20	No clamp treatment															
Z8 – J8	●					●	●	●	●	●	●		●			
P10 – Z10							●	●	●	●	●					
Fan (R) – Z32														●	●	●
Fan (L) – Z30			●				●	●	●							
D34 – V35・R34								●	●							
P34 – S34										●	●					
Z7 – H37(SP)														●	●	●
Z6 – H37(SP)	●					●	●	●	●				●	●	●	●
D3 – J3	No clamp treatment															
D5 – J5・J6	No clamp treatment															
D1 – J1	No clamp treatment															
PF10 – J10	No clamp treatment															
PF9 – P9	No clamp treatment															

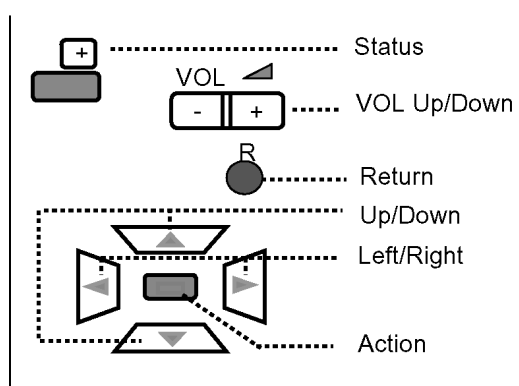
9 Service mode

9.1. CAT (computer Aided Test) mode

CAT mode menu

CAT Panel sys8.2			Mode	Function	Access button
IIC Mode	←		IIC	Service Alignment	Action
CD Mode	←		CD(Complete Diagnostics)	Software version information EEPROM edit	Mute more than 5 seconds
SD Mode	←		SD(Status Display)	MTBF parameter	Action
MS Mode	←		MS Mode	Not use	-----
ID Mode	←		ID	Not use	-----

Remote control



How to access the CAT mode.

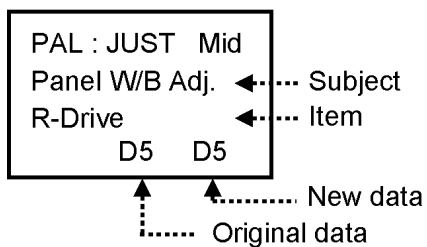
Press and the hold the **Volume down / - button** on the front panel of the unit and press the **status** button on the remote control 3 times quickly within 1 second, this will place the unit into the CAT mode.

To exit the **CAT mode**, access the **ID mode** and switch off the main power.

9.1.1. IIC mode

Select the IIC mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Action button** on the remote control.

OSD



How to use the IIC mode.

1. Select the alignment **Subject** by **Up/Down buttons** on the remote control.
2. Select the alignment **Item** by **Left/Right buttons** on the remote control.
3. Adjust **optimum setting** by **Volume Up/Down buttons** on the remote control.
4. The **data is memorized** when press the **R button** on the remote control or change the alignment Subject (or Items).

Subject and item are mentioned on page 29.

To exit the IIC mode, press the **R button** on the remote control.

9.1.2. CD mode

Select the CD mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Mute button** on the remote control more than 5 sec.

OSD

MiCom Software version.	1.00	OK	 Factory use
Memory data version D	1.00	8 63	
Memory data version H	21.05	78 3F	
Memory data change Address	0	0	
Data	0	0	 New data Original data

Micom software version (IC9006), this version can be upgrade by

1. replace of new version IC
2. Loading the new version software from loader tool, TZSC07036.

Memory data change

Address	0	0	Change by Up/Down buttons on the remote control.
	↑		Change by Left/Right buttons on the remote control.
Data	0	0	 Change by VOL Up/Down buttons on the remote control.

The data is memorized when switch off the main power.

To exit the CD mode, press the **R button** on the remote control.

9.1.3. SD mode

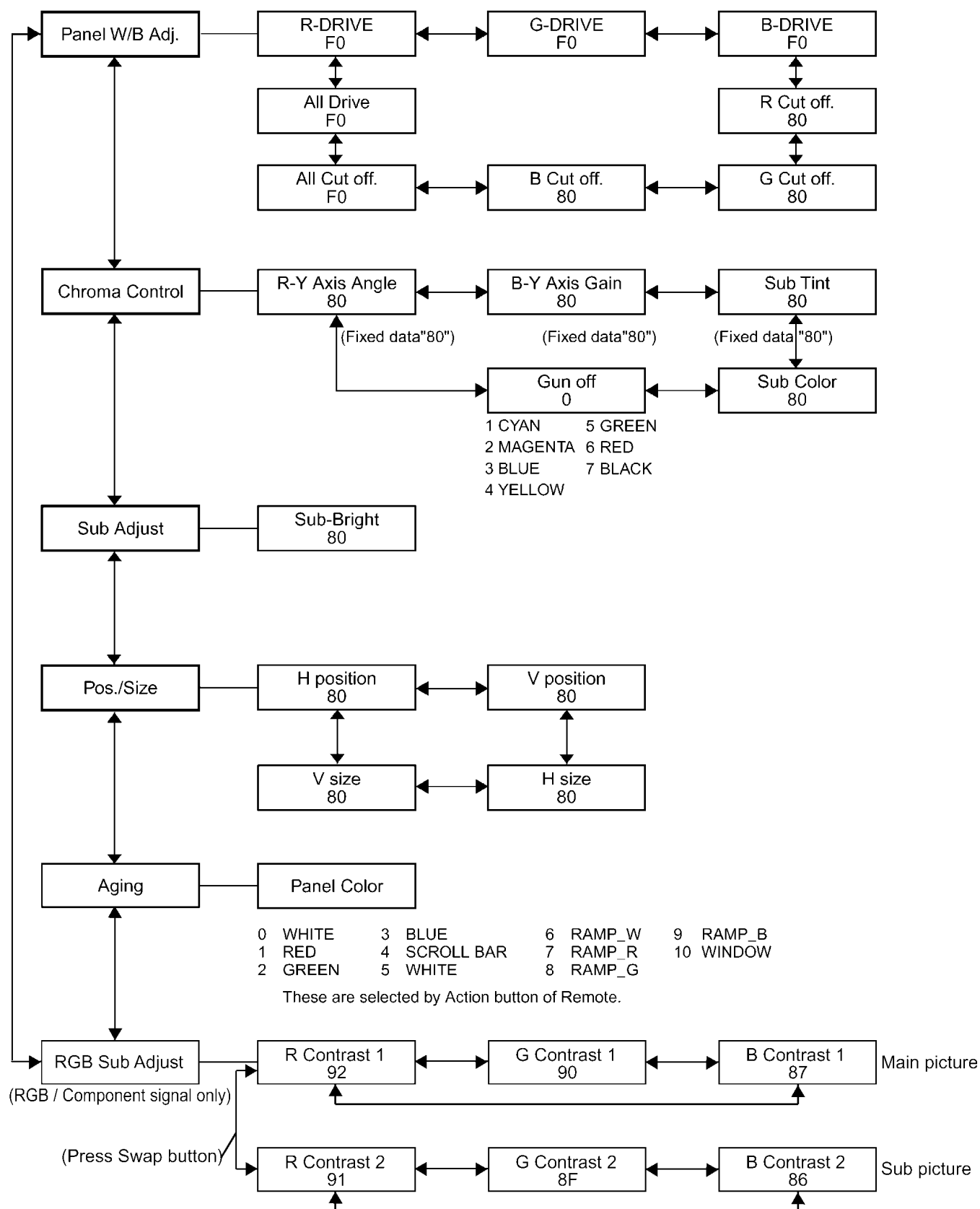
Select the SD mode by Up/Down button on the remote control at the front page of CAT mode then press the Action button on the remote control.

OSD

Input command check	23 25 27 - - - - - 27 27 27 - - - - - 28 25 25 37		History of remote control command. (Factory use)		
MTBF parameter	WT	72	PT	12	 Cumulative Time for power on condition. (unit :hour) Counter of power on. (unit :time)
Remote Control mode	A B				

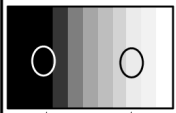
To exit the SD mode, press the **R button** on the remote control.

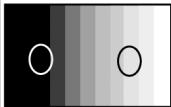
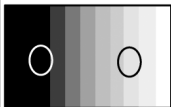
9.2. IIC mode structure (following items value is sample data.)

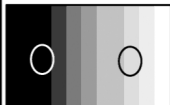
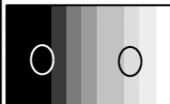


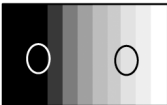
10 Alignment

10.1. PC / RGB / NTSC / PAL / DVI / HD / 525i / 525p / 625i / 625p panel white balance

	INPUT	Equipment	Setting	Alignment menu	Procedure												
1	PC Gray Scale Pattern 	Color Analyzer	Picture Mode: Normal White balance: Cool Contrast: 30 ASPECT: 16:9 Picture Pos./Size: Normal	PANEL W/B G cut off PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R, G, B Drive	1) Set G cut off to "80". 2) Find 75% of white area by color sensor. 3) Set G Drive to "EO". 4) Adjust B and R Drive to set color temperature as shown Fig.-01. 5) Increase same step of R, G and B Drive to set largest level of 3 color drive to "FC". <table border="1" data-bbox="952 725 1326 844"><tr><td>Color Temp.</td><td>X</td><td>Y</td></tr><tr><td>Cool (Hi)</td><td>0.276</td><td>0.276</td></tr><tr><td>Normal (Mid)</td><td>0.288</td><td>0.296</td></tr><tr><td>Warm (Low)</td><td>0.313</td><td>0.329</td></tr></table> Target value: X ± 0.003, Y ± 0.003 Fig. -01	Color Temp.	X	Y	Cool (Hi)	0.276	0.276	Normal (Mid)	0.288	0.296	Warm (Low)	0.313	0.329
Color Temp.	X	Y															
Cool (Hi)	0.276	0.276															
Normal (Mid)	0.288	0.296															
Warm (Low)	0.313	0.329															
2			Picture Mode: Normal White balance: Normal Contrast: 30 ASPECT: 16:9 Picture Pos./Size: Normal	PANEL W/B: G cut off PANEL W/B: R, G, B Drive	1) Change white balance (color temp) to "Normal". 2) Repeat procedure 1) to 5) of cool mode.												
3			Picture Mode: Normal White balance: Warm Contrast: 30 ASPECT: 16:9 Picture Pos./Size: Normal	PANEL W/B: G cut off PANEL W/B: R, G, B Drive	1) Change white balance (color temp) to "Warm". 2) Repeat procedure 1) to 5) of cool mode.												

	INPUT	Equipment	Setting	Alignment menu	Procedure																												
4	RGB Gray Scale Pattern  High light 75% Low light 15%		Picture Mode: Normal Contrast: 30 ASPECT: 16:9 Picture Pos./Size: Normal COLOR TEMP: Cool Normal Warm		1) Write down each color temperature of R, G, B drive and Cut off data as follows. <table border="1" data-bbox="853 313 1334 548"><tr><td>White Balance</td><td>Cool</td><td>Normal</td><td>Warm</td></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table> 2) Input RGB signal. 3) Copy PC R, G, B drive and cut off data of each white balance mode to RGB position.	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	
5	NTSC Gray Scale Pattern  High light 75% Low light 15%		Picture Mode: Normal Contrast: 30 ASPECT: 16:9 Picture Pos./Size: Normal COLOR TEMP: Cool Normal Warm		1) Write down each color temperature of R, G, B drive and Cut off data as follows. <table border="1" data-bbox="853 940 1334 1178"><tr><td>White Balance</td><td>Cool</td><td>Normal</td><td>Warm</td></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table> 2) Input NTSC signal. 3) Copy PC R, G, B drive and cut off data of each white balance mode to NTSC position.	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	

	INPUT	Equipment	Setting	Alignment menu	Procedure																												
6	PAL Gray Scale Pattern  High light 75% Low light 15%		Picture Mode: Normal Contrast: 30 ASPECT: 16:9 Picture Pos./Size: Normal COLOR TEMP: Cool Normal Warm		1) Write down each color temperature of R, G, B drive and Cut off data as follows. <table><tr><td>White Balance</td><td>Cool</td><td>Normal</td><td>Warm</td></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table> 2) Input PAL signal. 3) Copy PC R, G, B drive and cut off data of each white balance mode to PAL position.	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	
7	DVI Gray Scale Pattern  High light 75% Low light 15%		Picture Mode: Normal Contrast: 30 ASPECT: 16:9 Picture Pos./Size: Normal COLOR TEMP: Cool Normal Warm		1) Write down each color temperature of R, G, B drive and Cut off data as follows. <table><tr><td>White Balance</td><td>Cool</td><td>Normal</td><td>Warm</td></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table> 2) Input DVI signal. 3) Copy PC R, G, B drive and cut off data of each white balance mode to DVI position.	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	
8	HD (720i or 1080i) Gray Scale Pattern  High light 75% Low light 15%		Picture Mode: Normal Contrast: 30 ASPECT: 16:9 Picture Pos./Size: Normal COLOR TEMP: Cool Normal Warm		1) Write down each color temperature of R, G, B drive and Cut off data as follows. <table><tr><td>Write Balance</td><td>Cool</td><td>Normal</td><td>Warm</td></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table> 2) Input HD signal. 3) Copy PC R, G, B drive and cut off data of each white balance mode to HD position.	Write Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
Write Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	

	INPUT	Equipment	Setting	Alignment menu	Procedure																												
9	RGB Gray Scale Pattern  High light 75% Low light 15%		Picture Mode: Normal Contrast: 30 ASPECT: 16:9 Picture Pos./Size: Normal COLOR TEMP: Cool Normal Warm		1) Write down each color temperature of R, G, B drive and Cut off data as follows. <table border="1" data-bbox="850 304 1329 539"><tr><td>White Balance</td><td>Cool</td><td>Normal</td><td>Warm</td></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table> 2) Input RGB signal to 525i and 525p. 3) Copy HD drive and cut off data of each white balance mode to each signals position.	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	
10	RGB Gray Scale Pattern  High light 75% Low light 15%		Picture Mode: Normal Contrast: 30 ASPECT: 16:9 Picture Pos./Size: Normal COLOR TEMP: Cool Normal Warm		1) Write down each color temperature of R, G, B drive and Cut off data as follows. <table border="1" data-bbox="850 884 1329 1117"><tr><td>White Balance</td><td>Cool</td><td>Normal</td><td>Warm</td></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table> 2) Input RGB signal to 525p and 625i. 3) Copy HD drive and cut off data of each white balance mode to each signals position.	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	
11	RGB Gray Scale Pattern  High light 75% Low light 15%		Picture Mode: Normal Contrast: 30 ASPECT: 16:9 Picture Pos./Size: Normal COLOR TEMP: Cool Normal Warm		1) Write down each color temperature of R, G, B drive and Cut off data as follows. <table border="1" data-bbox="850 1467 1329 1700"><tr><td>White Balance</td><td>Cool</td><td>Normal</td><td>Warm</td></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table> 2) Input RGB signal to 625i and 625p. 3) Copy HD drive and cut off data of each white balance mode to each signals position.	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	

11 Trouble shooting guide

11.1. Self Check

11.1.1. Display Indication

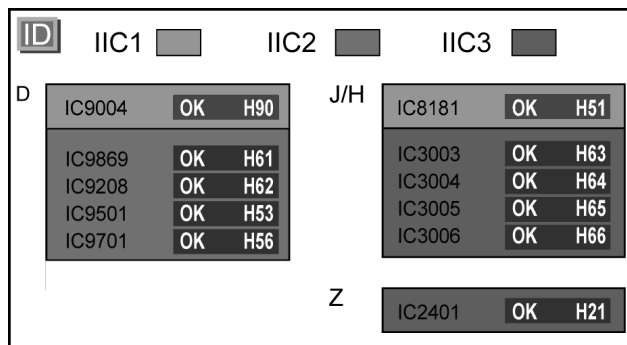
1. Self-check is used to automatically check the bus line controlled circuit of the LCD display.
2. To get into the Self-check mode, press the **volume down** button on the customer controls at the front of the set, at the same time pressing the **OFF-TIMER** button on the remote control, and the screen will show :-

If the CCU ports have been checked and found to be incorrect

Or not located then " - - " will appear in place of " OK "

3. If you want to exit this mode, press stand by button on the remote control or press the Main Power on/off switch at the

front of the set.



11.1.2. Power LED Blinking timing chart

1. Subject

Information of LED Blinking timing chart.

2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinks of the Power LED on the front panel of the unit.

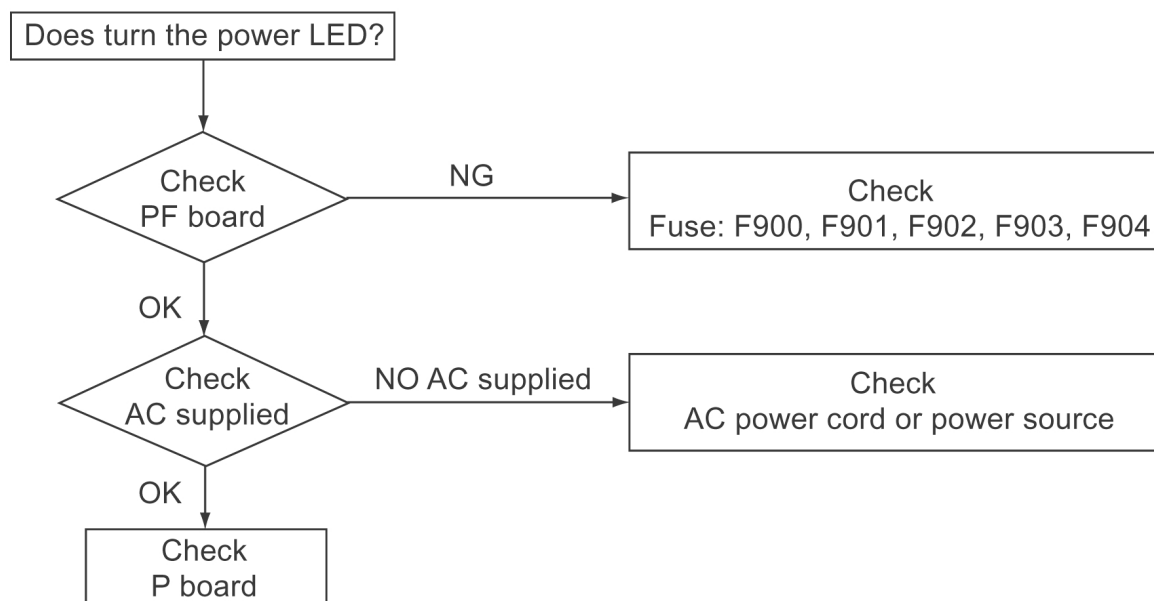
Blinking times	Blinking timing	Contents & Check point
1		Model Code SOS
3		3.3V SOS
4		5V SOS
5		POWER SOS
6		FAN SOS
7		Inverter SOS
9		5V SOS
10		PF SOS

3. Remarks

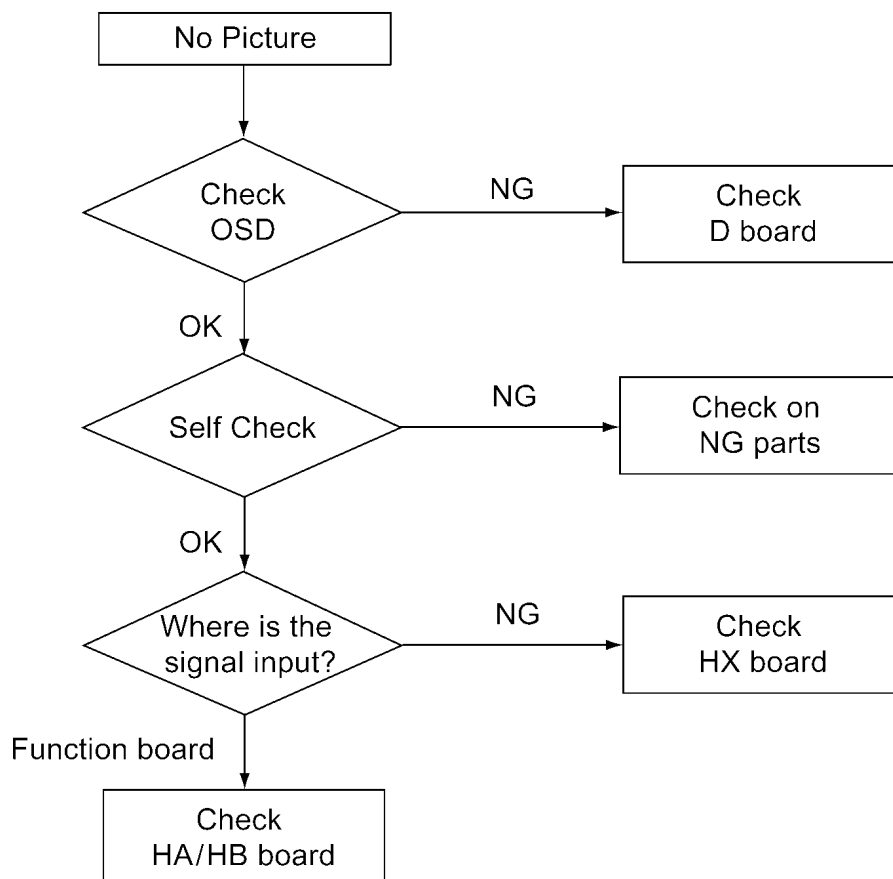
Above Fan function is operated during the fans are installed.

11.2. No Power

1. No lit



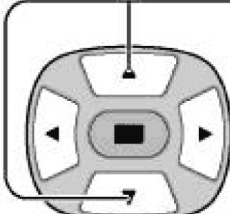
11.3. No Picture



12 Option Setting

12.1. How to access and setting

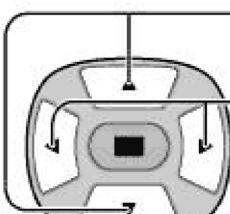
- 1**  Press to display the Setup menu.

- 2**  Press to select OSD Language.

SET UP 1/2	
SIGNAL	
COMPONENT/RGB-IN SELECT	
	RGB
INPUT LABEL	PC
POWER SAVE	OFF
STANDBY SAVE	OFF
POWER MANAGEMENT	OFF
AUTO POWER OFF	OFF
OSD LANGUAGE	« ENGLISH (US) »

- 3**  Press down for more than 3 seconds to display the Option menu.

Setting the Option menus

- 1**  Press to select the desired item.
Press to select the desired function.

The option menu will disappear 60 seconds after operation.

- 2**  Press to exit Option menu.

12.2. Contents of Option Menu

This chassis series have special function and operation setting facility called Option Menu. This Option Menu is useful for special function required customers. This should be set at the installation stage. The end user could not set or change them because of hidden On screen menu.

Option menus	default setting	Contents
Off-timer function	Enable	Off-timer operation Enable/Disable.
On Screen display	On	Enable/Disable to display input mode indication after power on and no signal indication.
Initial INPUT	Off	Sets the initial input mode when the power is turned on . Allow input mode selection while power is on.
Initial VOL. level	Off	Sets the initial volume level when the power is turned on. Allow Volume control while power is on.
Maximum VOL. Level	Off	Sets the maximum volume to desired level. Volume cannot exceed this level.
INPUT lock	Off	Fixes the input mode to AV, Component/RGB or PC. Can not change input mode by input selection button.
Studio W/B	Off	Bottom operation buttons invalidation. Off: Invalid buttons are null and void. MENU & ENTER: Invalid buttons are only MENU Screen ON/OFF button, Enter/Aspect button. On: Invalid buttons are all buttons.
Button lock	Off	Set warm mode color temperature to 3,200 Kelvin.
Remote control User Level	Off	Remote key invalidation. Off : Valid key are all keys of remote. User1 : Valid key are only Stand-by (ON/OFF), Input, Status, Surround, Sound mute On/Off, and volume adjustment. User2: Valid key is only Stand-by (ON/OFF). User3 : All keys are invalid.
ID Select	0	Set ID number from 0 to 100 for Remote ID and Serial ID.
Remote ID	Off	Remote ID function On/Off. (While the Remote ID is on, standard remote function can not control the unit.)
Serial ID	Off	Serial ID function On/Off
Slot power	Off	Sets the slot power mode when the power is turned on. Off: The power isn't supplied to Optional Terminal Board. Auto: The power is supplied to Optional terminal Board when the power is turned on. But the power isn't supplied to the Board at the Stand-by condition. On: The power is supplied to Optional Terminal Board when the power is turned on and stand-by condition.

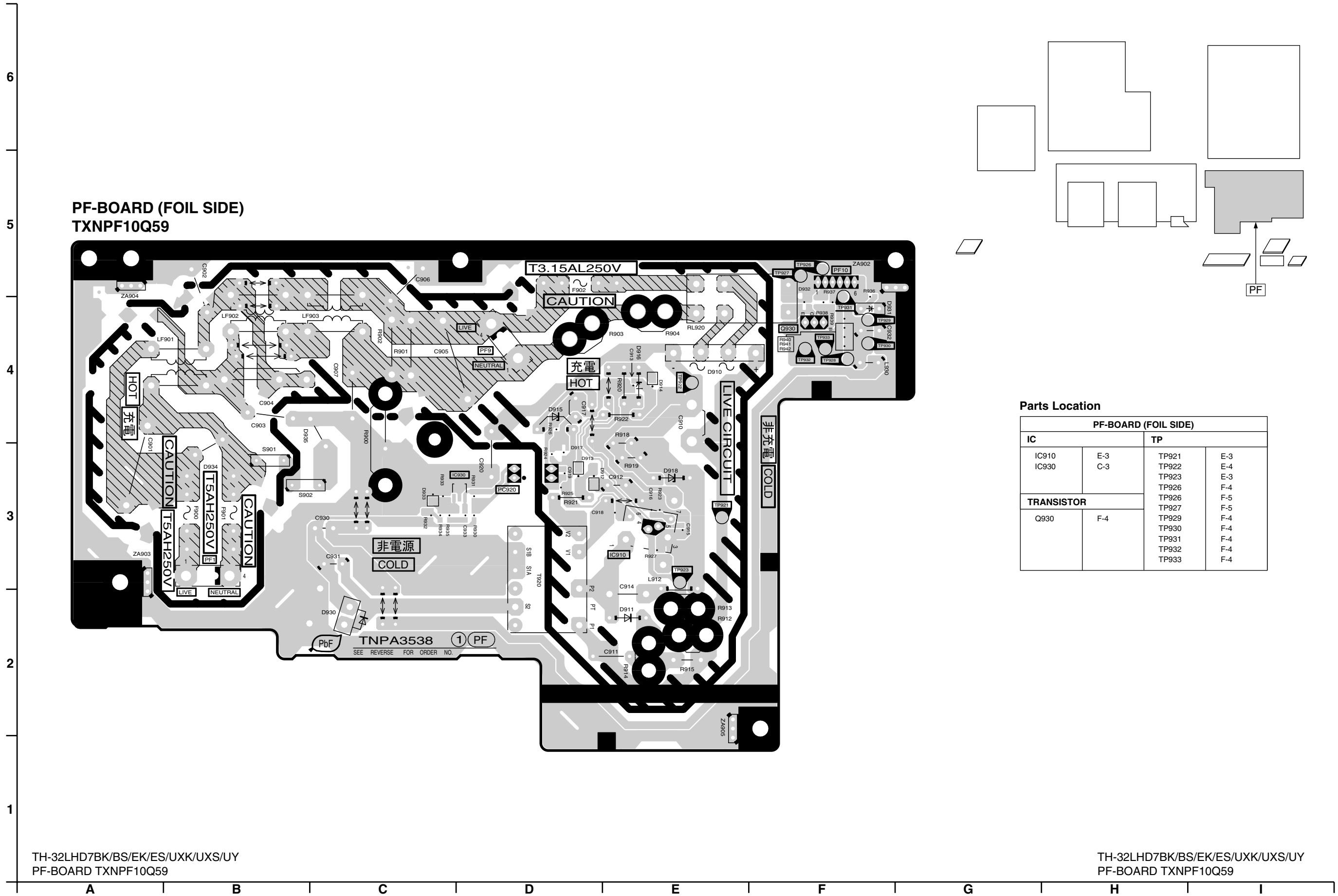
Note :

In the case the set can't be operated, how to set button lock, Remocon User Level and Remote ID off and be able to operate the set.

1. Press down volume Down button at the bottom of the set, at the same time pressing the R button on the remote control for more than 5 seconds.

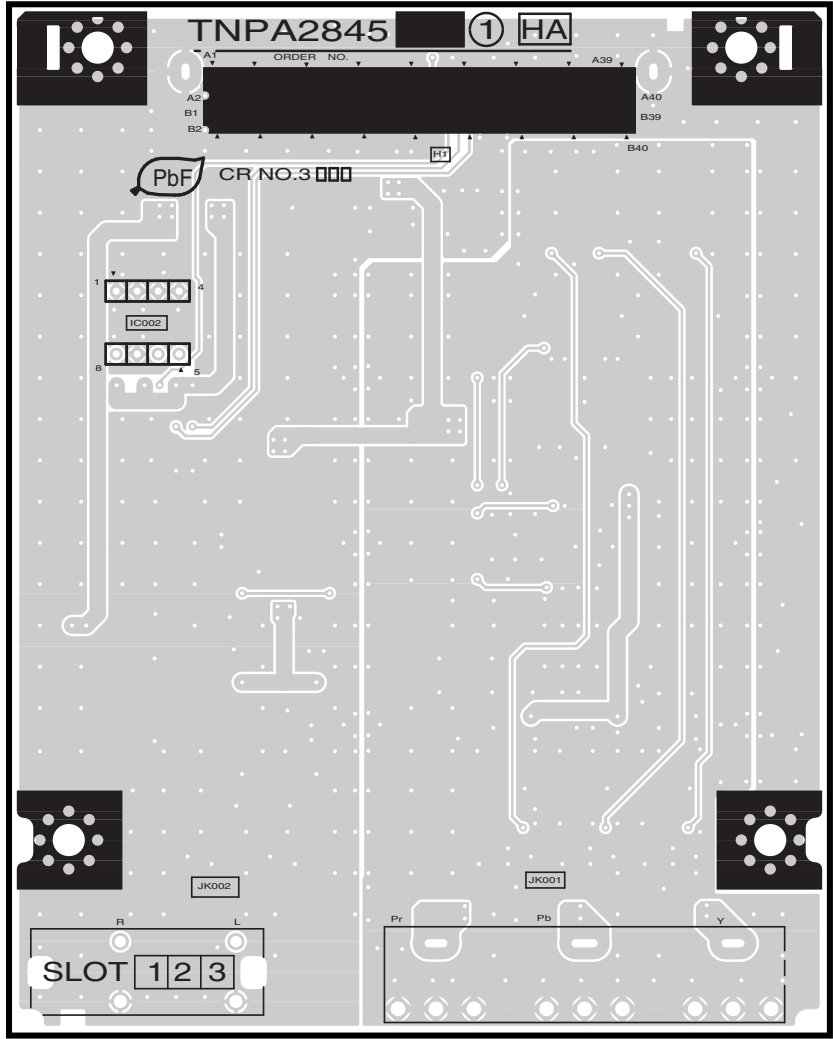
13 Circuit Board Layout

13.1. PF-BOARD

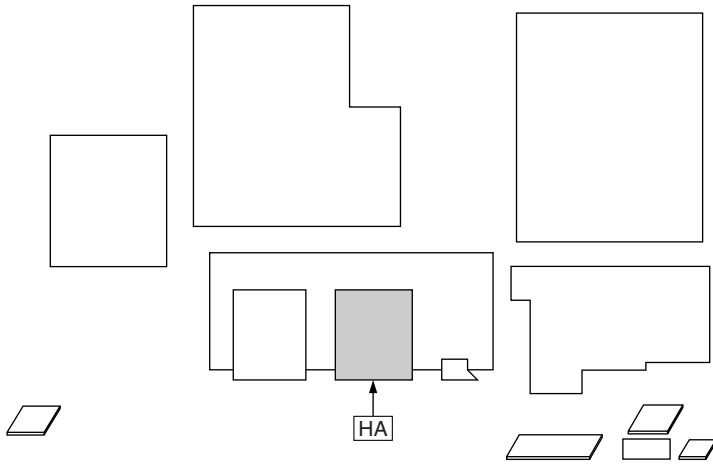
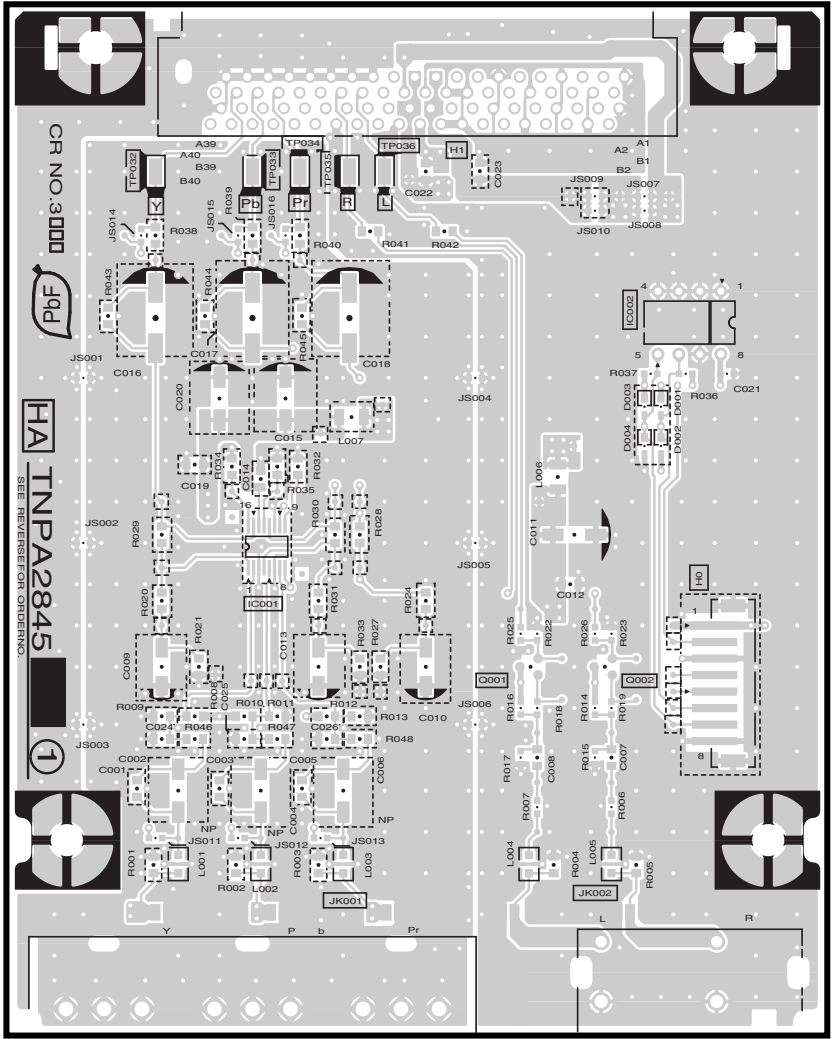


13.2. HA-Board

HA-BOARD (FOIL SIDE)
TXNHA10RBS



HA-BOARD (COMPONENT SIDE)
TXNHA10RBS



Parts Location

HA-BOARD			
IC		TP	
IC3001	E-3	TP3032	E-4
IC3002	F-4	TP3033	E-4
TRANSISTOR		TP3034	E-4
		TP3035	E-4
		TP3036	E-4
Q3001	F-2		
Q3002	F-2		

TH-32LHD7BK/BS/EK/ES/UY
HA-BOARD TXNHA10RBS

TH-32LHD7BK/BS/EK/ES/UY
HA-BOARD TXNHA10RBS

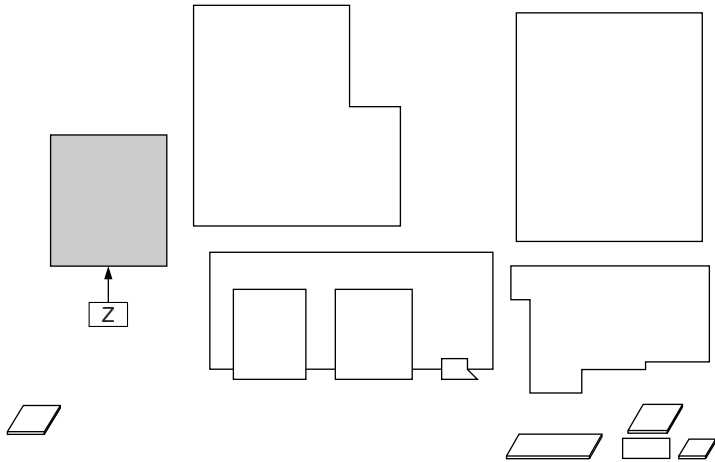
13.3. Z-Board

Parts Location

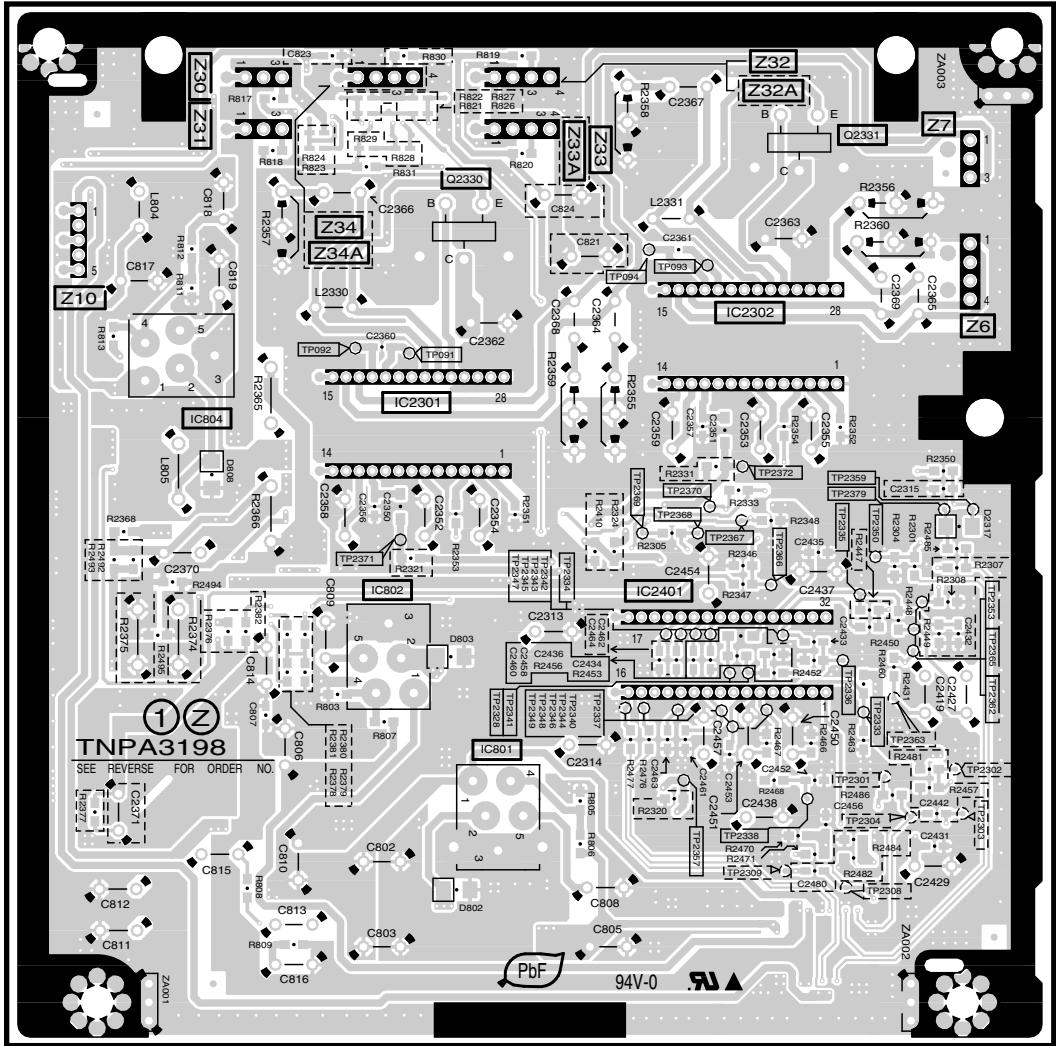
Z-BOARD (FOIL SIDE)					
IC		TP			
IC802	B-3	TP2303	D-2	TP2346	C-2
IC804	A-3	TP2304	D-2	TP2347	C-3
IC2301	B-3	TP2308	D-2	TP2348	C-2
IC2302	C-4	TP2309	C-2	TP2349	C-2
IC2401	C-3	TP2328	B-2	TP2350	D-3
TRANSISTOR		TP2333	D-2	TP2357	C-2
		TP2334	C-3	TP2359	D-3
		TP2335	D-3	TP2362	D-2
Q2330	B-4	TP2336	D-2	TP2363	D-2
Q2331	D-4	TP2337	C-2	TP2365	D-2
TP		TP2338	C-2	TP2366	C-3
		TP2340	C-2	TP2367	C-3
		TP2341	C-2	TP2368	C-3
TP091	B-3	TP2342	C-3	TP2369	C-3
TP092	B-3	TP2343	C-3	TP2370	C-3
TP093	C-4	TP2344	C-2	TP2371	B-3
TP094	C-4	TP2345	C-3	TP2372	C-3
TP2301	D-2			TP2379	D-3
TP2302	D-2				

Parts Location

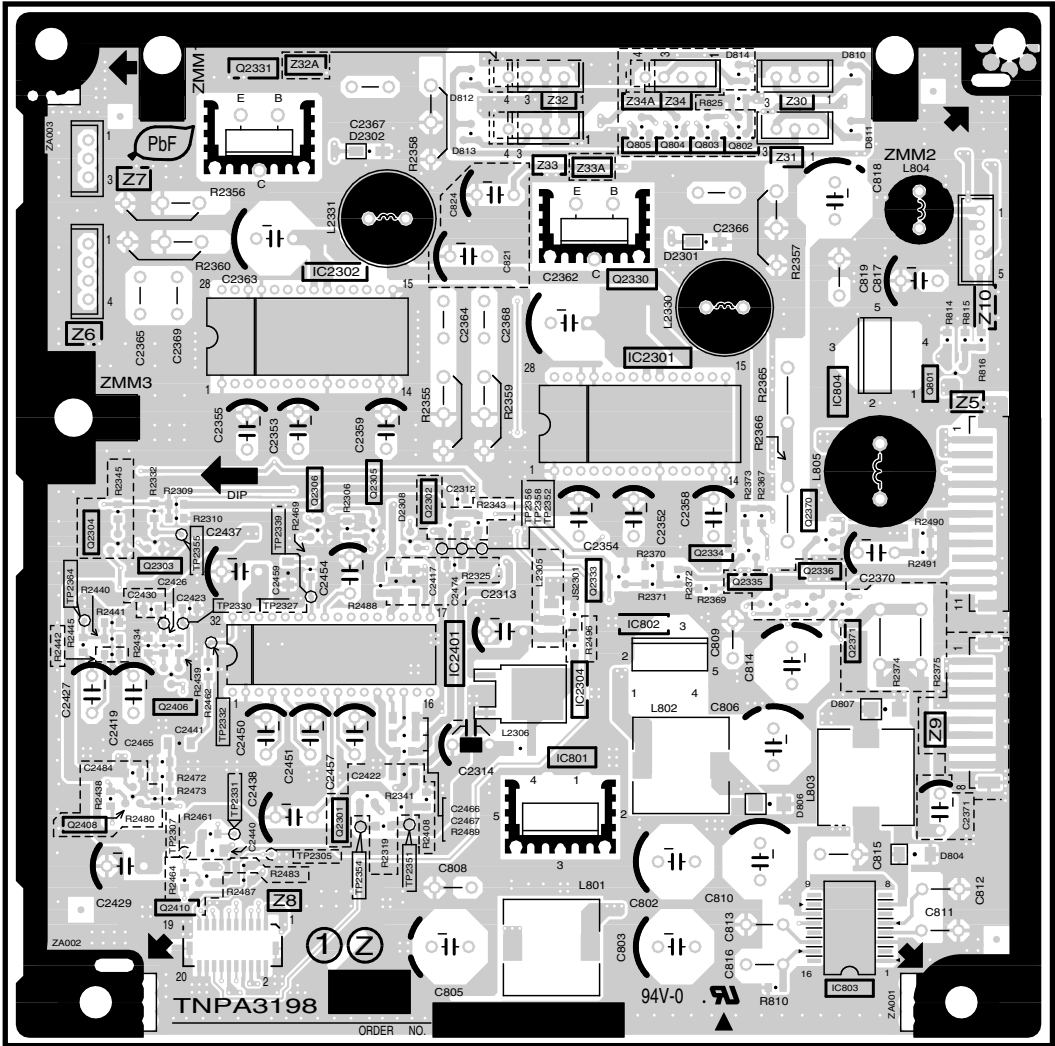
Z-BOARD (COMPONENT SIDE)					
IC		TRANSISTOR		TP	
IC801	G-2	Q2303	F-3	TP2331	F-2
IC802	G-2	Q2304	E-3	TP2332	F-2
IC803	H-1	Q2305	F-3	TP2339	F-3
IC804	H-3	Q2306	F-3	TP2351	F-2
IC2301	G-3	Q2330	G-3	TP2354	F-2
IC2302	F-4	Q2331	F-4	TP2355	F-3
IC2304	G-2	Q2333	G-3	TP2364	E-3
IC2401	G-2	Q2334	G-3		
TRANSISTOR		Q2335	H-3		
		Q2336	H-3		
		Q2370	H-3		
Q801	H-3	Q2371	H-2		
Q802	H-4	Q2406	F-2		
Q803	G-4	Q2408	E-2		
Q804	G-4	Q2410	F-2		
Q805	G-4				
Q2301	F-2				
Q2302	F-3				



Z-BOARD (FOIL SIDE)
TNPA3198



Z-BOARD (COMPONENT SIDE)
TNPA3198

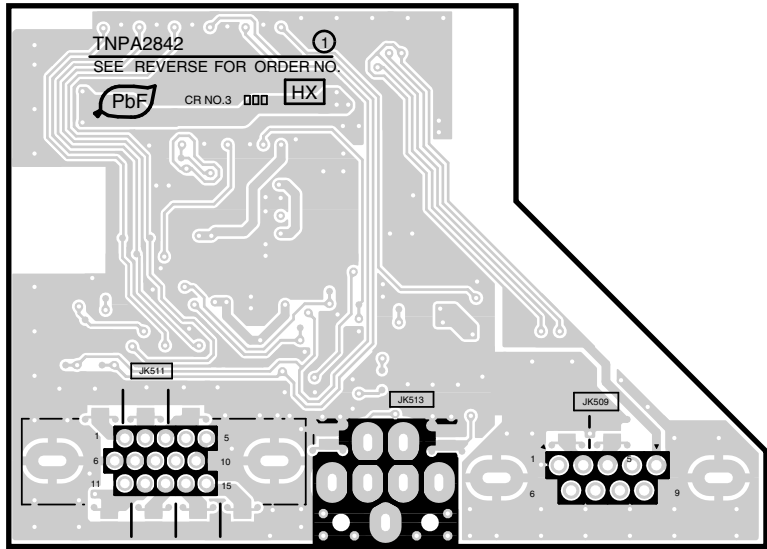


TH-32LHD7BK/BS/EK/ES/UXK/UXS/UY
Z-BOARD TNPA3198

TH-32LHD7BK/BS/EK/ES/UXK/UXS/UY
Z-BOARD TNPA3198

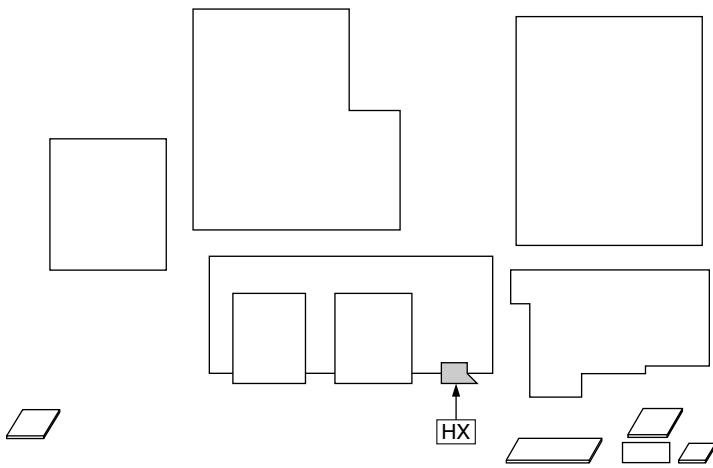
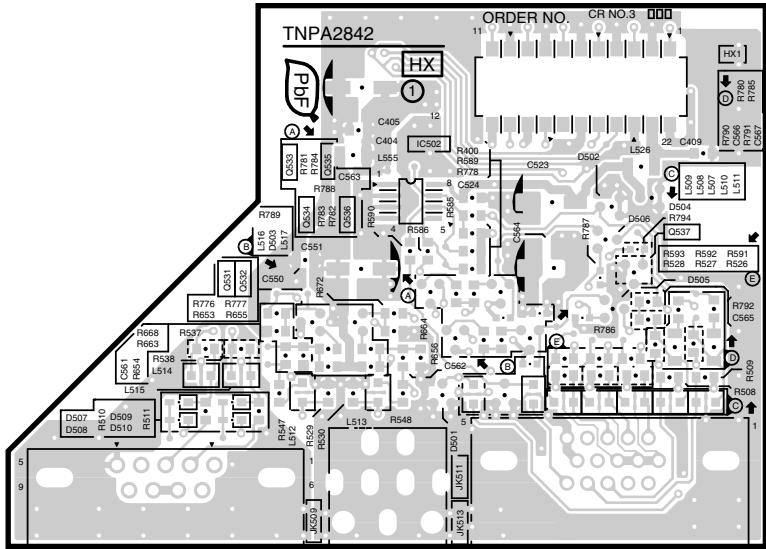
13.4. HX-Board

HX-BOARD (FOIL SIDE)
TZTNP010Q60



HX-BOARD (COMPONENT SIDE)

TZTNP010Q60



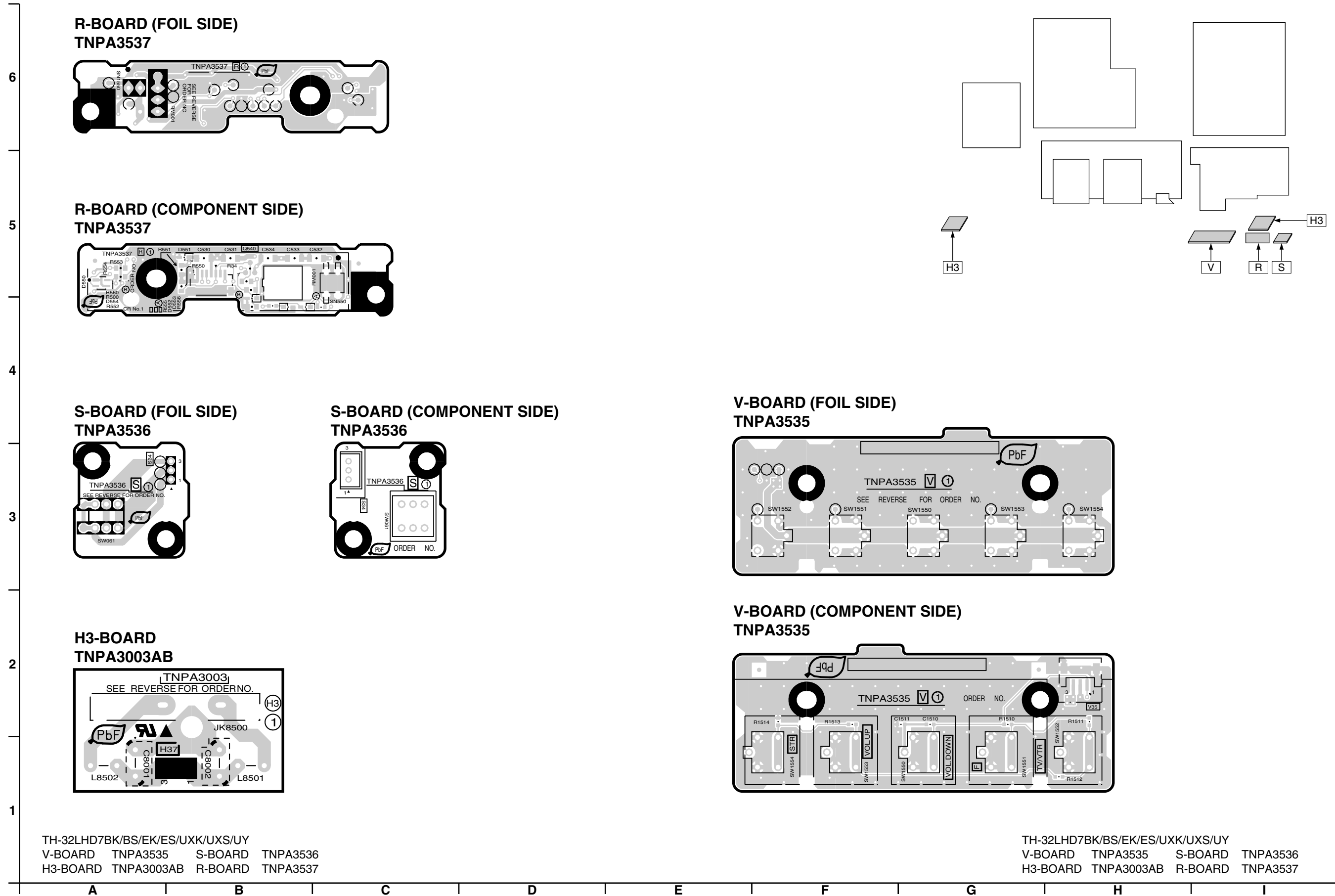
Parts Location

HX-BOARD			
IC		TRANSISTOR	
IC3502	E-4	Q3531	D-4
		Q3532	D-4
		Q3533	E-4
		Q3534	E-4
		Q3535	E-4
		Q3536	E-4
		Q3537	F-4

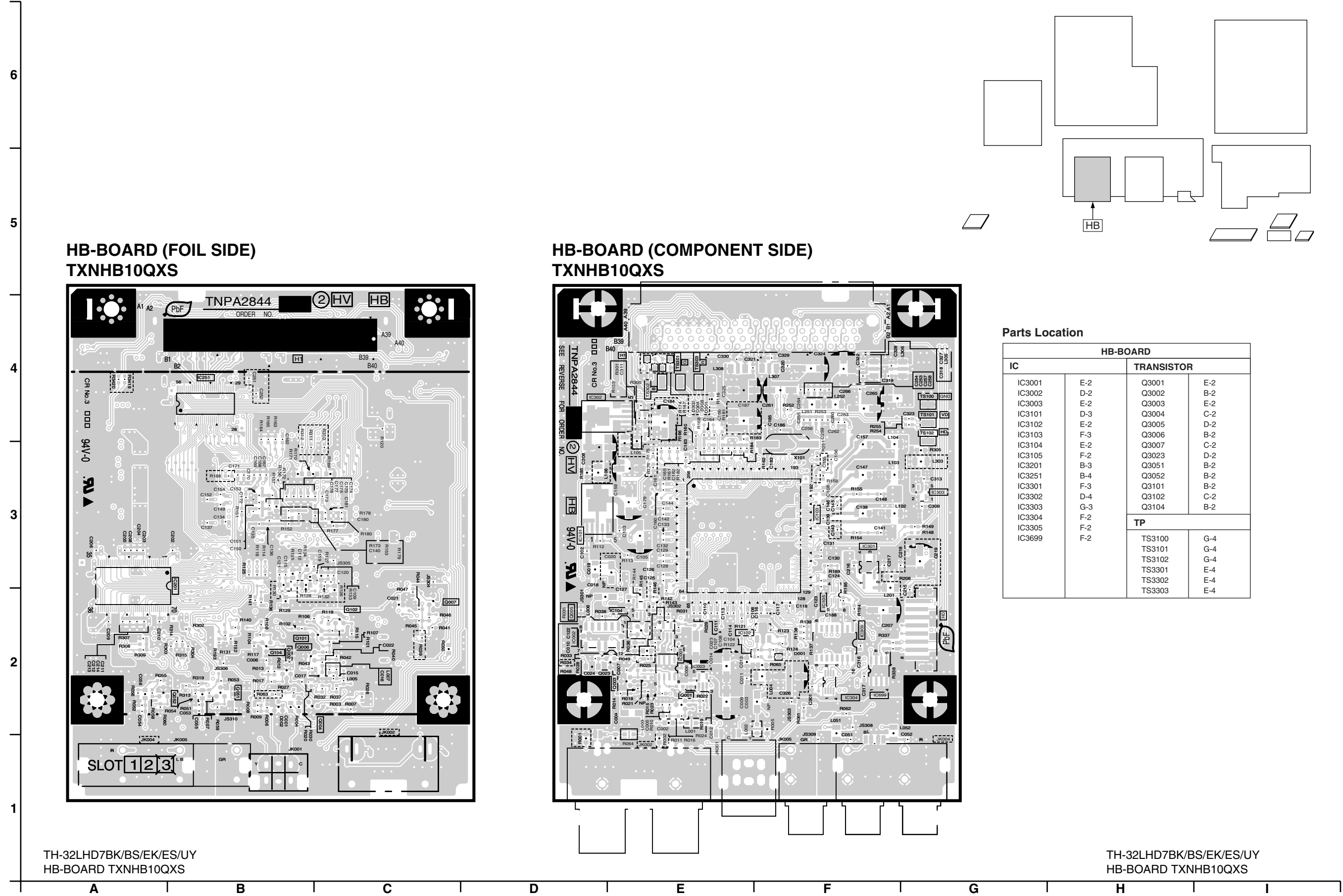
TH-32LHD7BK/BS/EK/ES/UXK/UXS/UY
HX-BOARD TZTNP010Q60

TH-32LHD7BK/BS/EK/ES/UXK/UXS/UY
HX-BOARD TZTNP010Q60

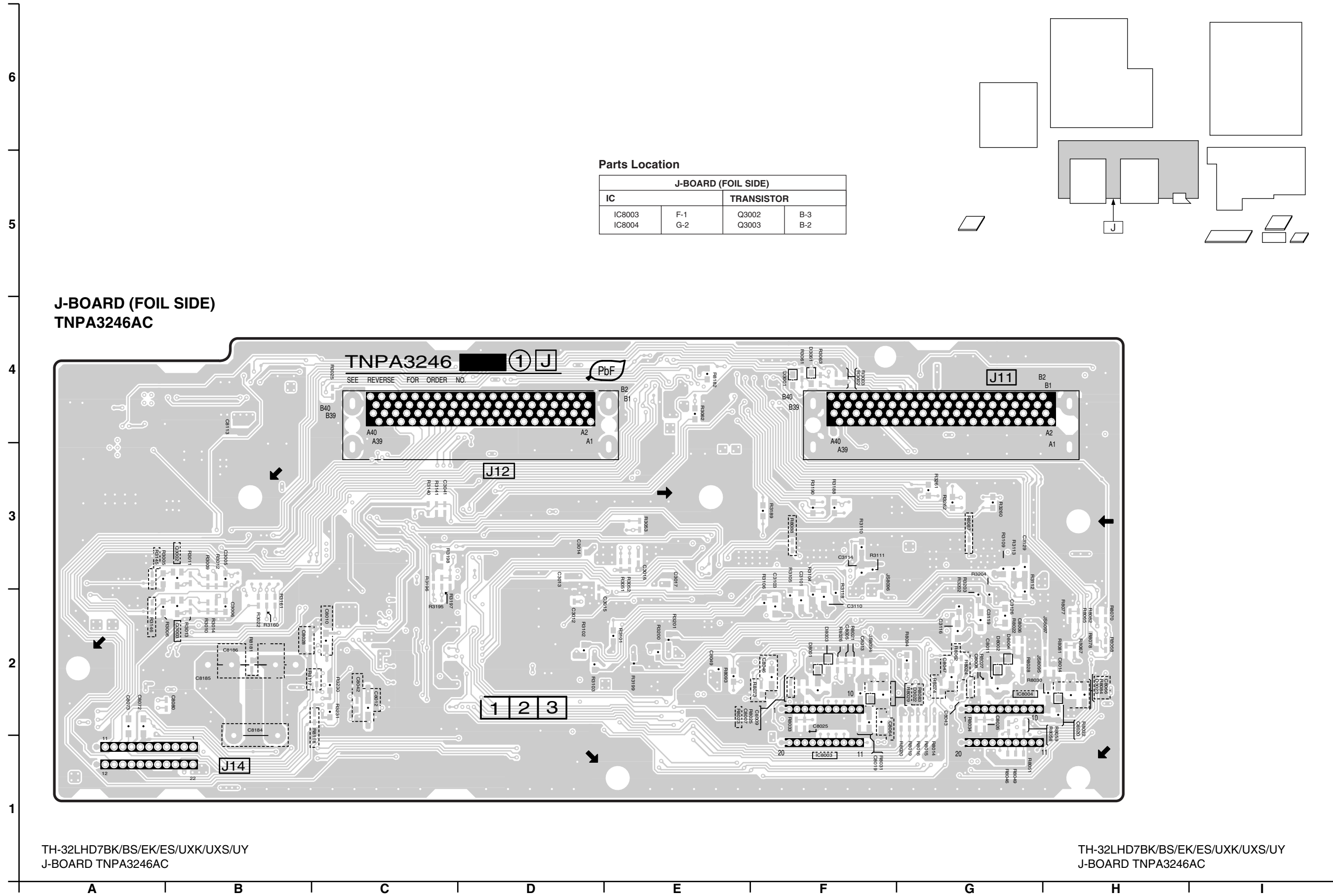
13.5. R, S, H3 and V-Board



13.6. HB-Board

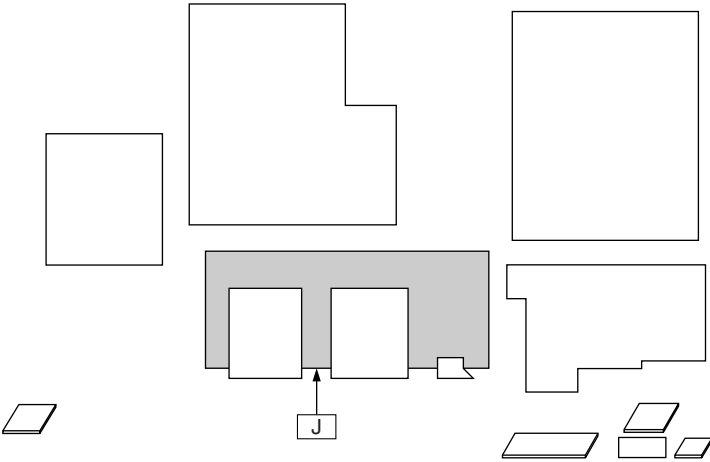


13.7. J-Board

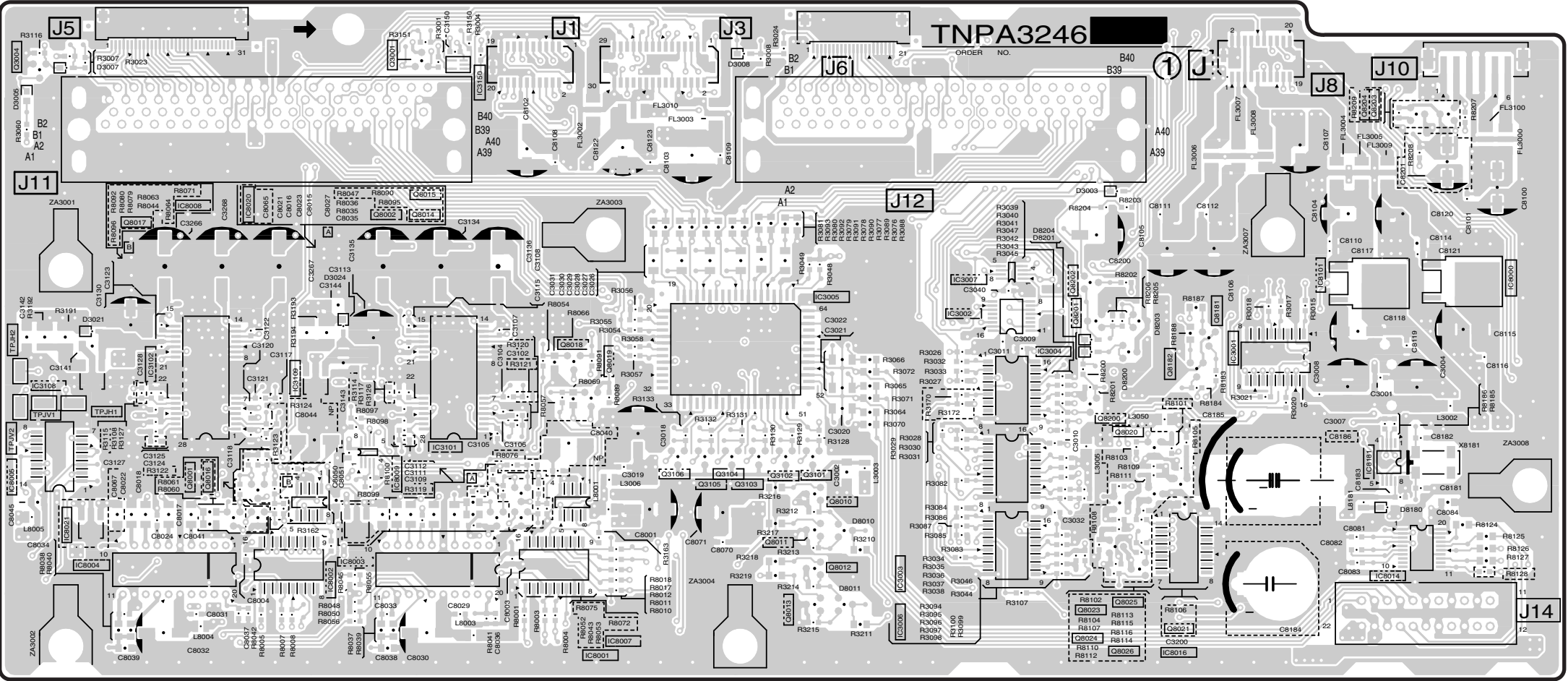


Parts Location

J-BOARD (COMPONENT SIDE)								
IC		IC8009	C-2	Q8012	E-2	TRANSISTOR		
IC3001	G-3	IC8014	G-2	Q8013	D-1	TPJH1	A-2	
IC3002	E-3	IC8016	F-1	Q8014	C-3	TPJH2	A-3	
IC3003	E-1	IC8020	B-3	Q8015	C-3	TPJV1	A-2	
IC3004	F-3	IC8021	A-2	Q8016	B-2	TPJV2	A-2	
IC3005	E-3	IC8101	G-3	Q8017	A-3			
IC3006	E-1	IC8181	G-2	Q8018	C-3			
IC3007	E-3	TRANSISTOR		Q8019	D-3			
IC3101	C-2			Q8020	F-2			
IC3102	A-2	Q3001	C-4	Q8021	F-1			
IC3108	A-2	Q3004	A-4	Q8023	F-1			
IC3109	B-2	Q3101	E-2	Q8024	F-1			
IC3150	C-4	Q3102	D-2	Q8025	F-1			
IC8000	H-3	Q3103	D-2	Q8026	F-1			
IC8001	C-1	Q3104	D-2	Q8181	F-3			
IC8002	B-1	Q3105	D-2	Q8182	F-2			
IC8003	B-2	Q3106	D-2	Q8200	F-2			
IC8004	A-2	Q8001	B-2	Q8201	F-3			
IC8005	A-2	Q8002	C-3	Q8202	F-3			
IC8007	D-1	Q8010	E-2	Q8203	G-4			
IC8008	B-3	Q8011	D-2	Q8204	G-4			

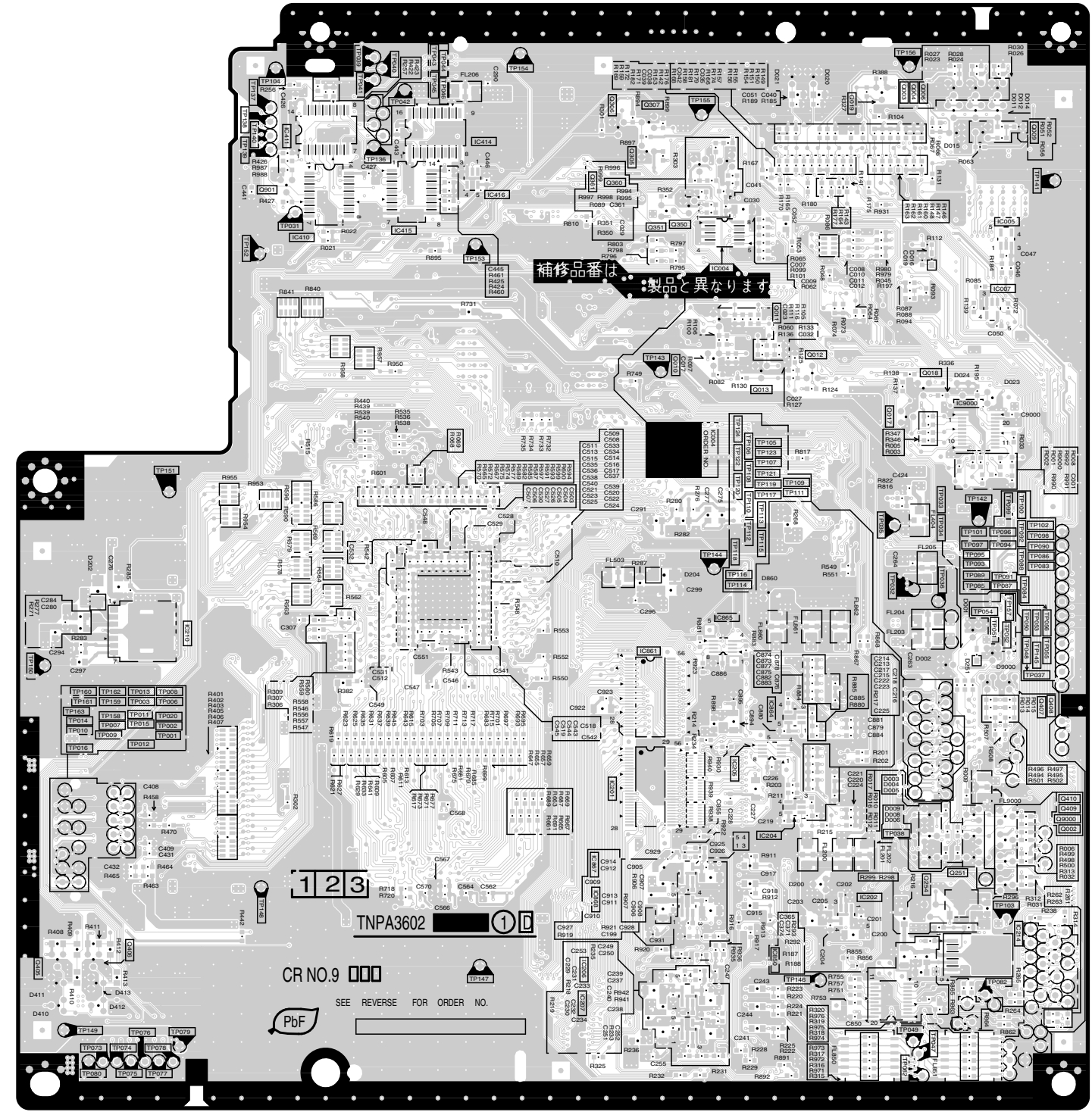


J-BOARD (COMPONENT SIDE)
TNPA3246AC

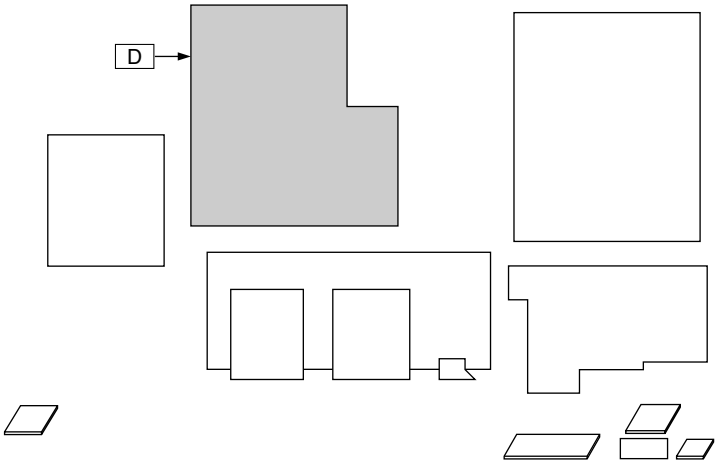


13.8. D-Board

D-BOARD (FOIL SIDE)
TZTNP010Q61



TH-32LHD7BK/BS/EK/ES/UXK/UXS/UY
D-BOARD TZTNP010Q61

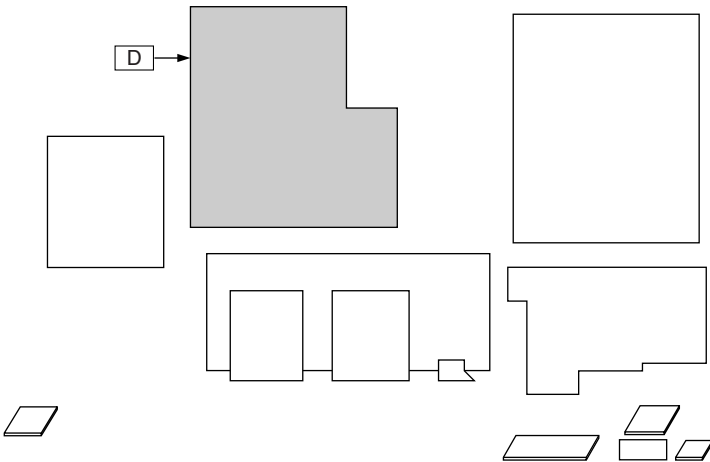
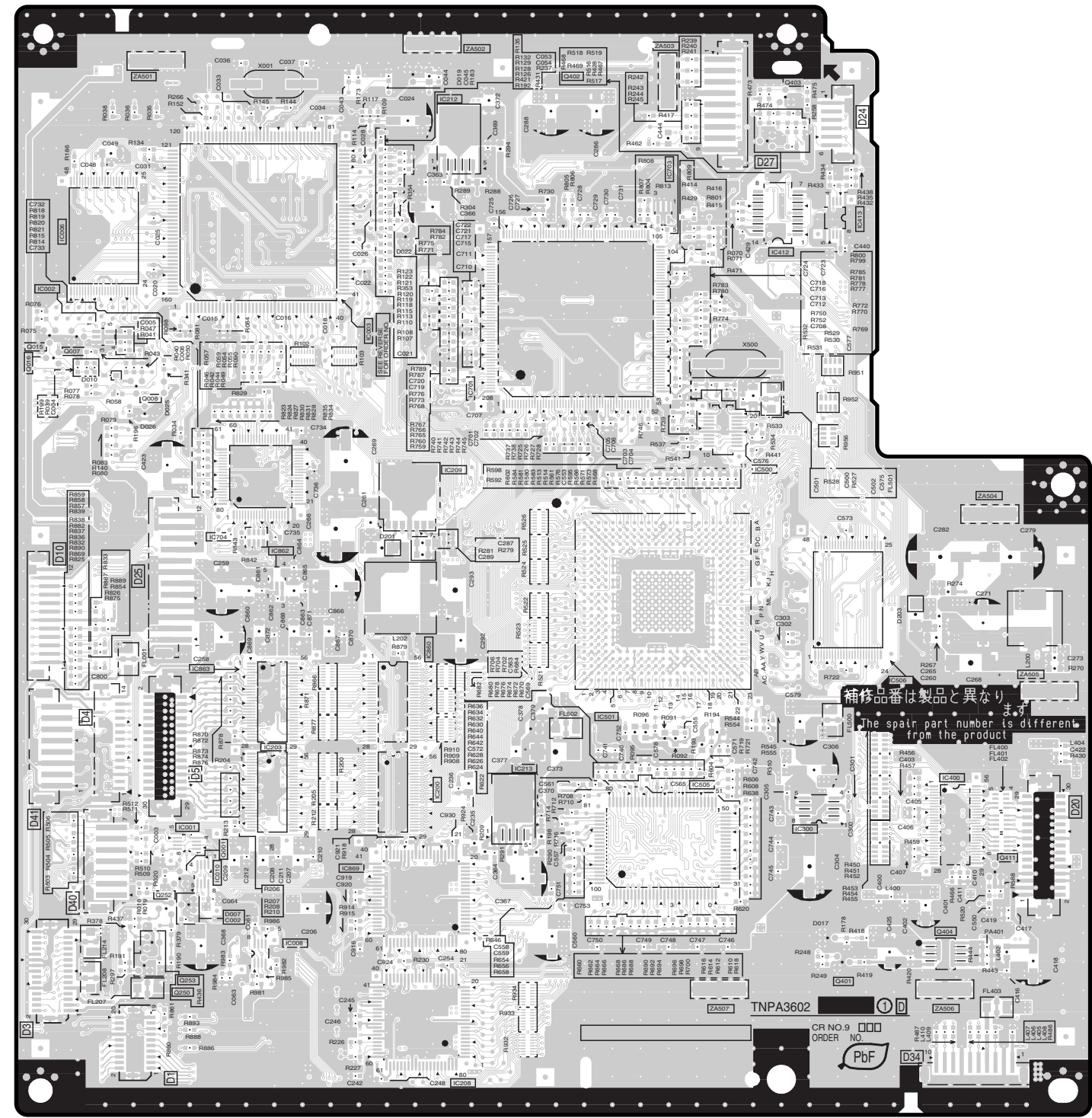


Parts Location

D-BOARD (FOIL SIDE)							
IC		Q9405	A-1	TP051	E-3	TP114	D-3
IC9000	E-4	Q9406	A-2	TP052	E-3	TP115	D-3
IC9004	D-5	Q9407	E-3	TP053	E-3	TP116	D-3
IC9005	E-5	Q9408	E-3	TP054	E-3	TP117	D-4
IC9007	E-5	Q9409	F-2	TP055	E-3	TP118	D-3
IC9201	D-2	Q9410	F-2	TP056	E-3	TP119	D-4
IC9202	E-2	Q9251	E-2	TP062	E-1	TP120	D-4
IC9204	D-2	Q9901	B-5	TP073	A-1	TP122	D-4
IC9205	D-2	TP		TP074	A-1	TP123	D-4
IC9206	C-1	TP001	B-3	TP075	A-1	TP124	D-4
IC9207	C-1	TP002	B-3	TP076	A-1	TP136	B-5
IC9210	B-3	TP003	A-3	TP077	A-1	TP137	B-5
IC9214	E-2	TP006	B-3	TP078	A-1	TP138	B-5
IC9410	B-5	TP007	A-3	TP079	B-1	TP139	B-5
IC9411	B-5	TP008	B-3	TP080	A-1	TP140	B-5
IC9414	C-5	TP009	A-3	TP082	E-1	TP141	E-5
IC9415	C-5	TP010	A-3	TP083	E-3	TP142	E-4
IC9416	C-5	TP011	A-3	TP084	E-3	TP143	D-4
IC9850	D-1	TP012	A-2	TP085	E-3	TP144	D-3
IC9861	D-3	TP013	A-3	TP086	E-3	TP145	E-3
IC9864	D-3	TP014	A-3	TP087	E-3	TP146	D-1
IC9865	D-3	TP015	A-3	TP088	E-3	TP147	C-1
IC9867	C-2	TP016	A-2	TP089	E-3	TP148	B-2
IC9868	C-2	TP020	B-3	TP090	E-3	TP149	A-1
TRANSISTOR		TP031	B-5	TP091	E-3	TP150	A-3
Q9000	F-2	TP032	E-3	TP092	E-3	TP151	B-4
Q9002	F-2	TP032	E-3	TP092	E-3	TP152	B-5
Q9003	E-5	TP033	E-4	TP093	E-3	TP153	C-5
Q9004	E-5	TP034	E-3	TP094	E-3	TP154	C-5
Q9005	E-5	TP034	E-3	TP096	E-3	TP155	D-5
Q9009	E-5	TP035	E-3	TP096	E-3	TP156	E-6
Q9010	D-4	TP036	E-3	TP097	E-3	TP157	E-3
Q9011	D-4	TP037	E-3	TP098	E-3	TP158	A-3
Q9012	D-4	TP038	E-2	TP099	E-4	TP159	A-3
Q9013	D-4	TP039	B-6	TP100	E-4	TP160	A-3
Q9017	E-4	TP040	C-5	TP101	E-3	TP161	A-3
Q9018	E-4	TP041	B-5	TP102	E-4	TP162	A-3
Q9019	E-5	TP042	C-5	TP103	E-2	TP183	A-3
Q9254	E-2	TP043	C-5	TP104	B-5		
Q9305	D-5	TP044	C-5	TP105	D-4		
Q9306	D-5	TP045	C-5	TP106	D-4		
Q9307	D-5	TP046	C-5	TP107	D-4		
Q9350	D-5	TP047	E-1	TP108	D-4		
Q9351	D-5	TP048	E-3	TP109	D-4		
Q9360	D-5	TP049	E-1	TP110	D-4		
Q9361	C-5	TP050	E-3	TP111	D-4		
				TP112	D-3		
				TP113	D-4		

TH-32LHD7BK/BS/EK/ES/UXK/UXS/UY
D-BOARD TZTNP010Q61

D-BOARD (COMPONENT SIDE)
TZTNP010Q61



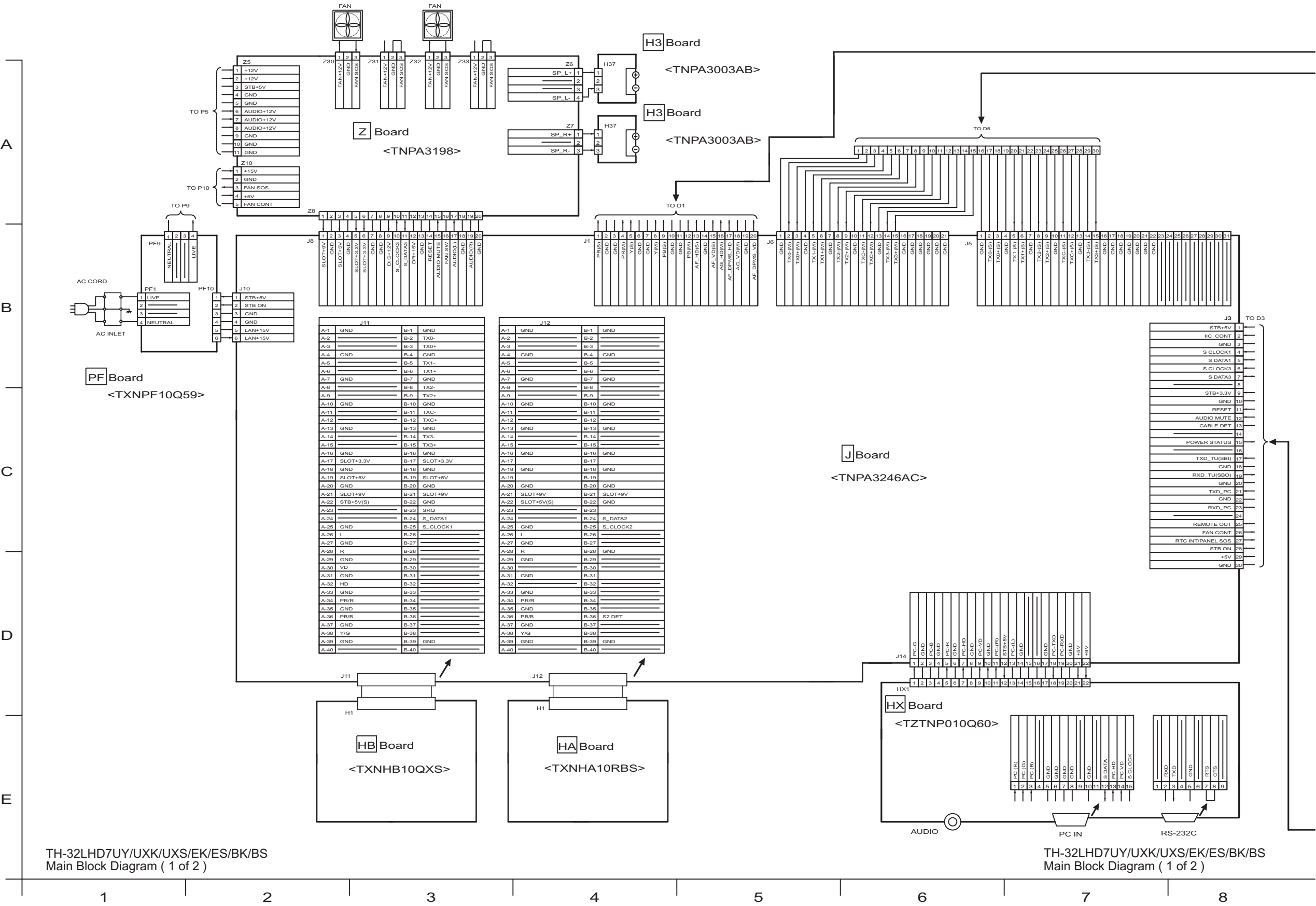
Parts Location

D-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC9001	B-2	Q9001	B-2
IC9002	A-5	Q9007	A-4
IC9003	B-4	Q9008	A-4
IC9006	A-5	Q9015	A-4
IC9008	B-2	Q9016	A-4
IC9010	B-2	Q9250	B-1
IC9200	C-2	Q9252	B-2
IC9203	B-2	Q9253	B-1
IC9208	C-1	Q9401	E-1
IC9209	C-4	Q9402	C-5
IC9212	C-5	Q9403	D-5
IC9213	C-2	Q9404	E-2
IC9300	D-2	Q9411	E-2
IC9400	E-2		
IC9412	D-5		
IC9413	E-5		
IC9500	D-4		
IC9501	C-3		
IC9505	D-2		
IC9506	E-3		
IC9701	C-4		
IC9703	D-5		
IC9704	B-3		
IC9860	C-3		
IC9862	B-3		
IC9863	B-3		
IC9869	B-2		

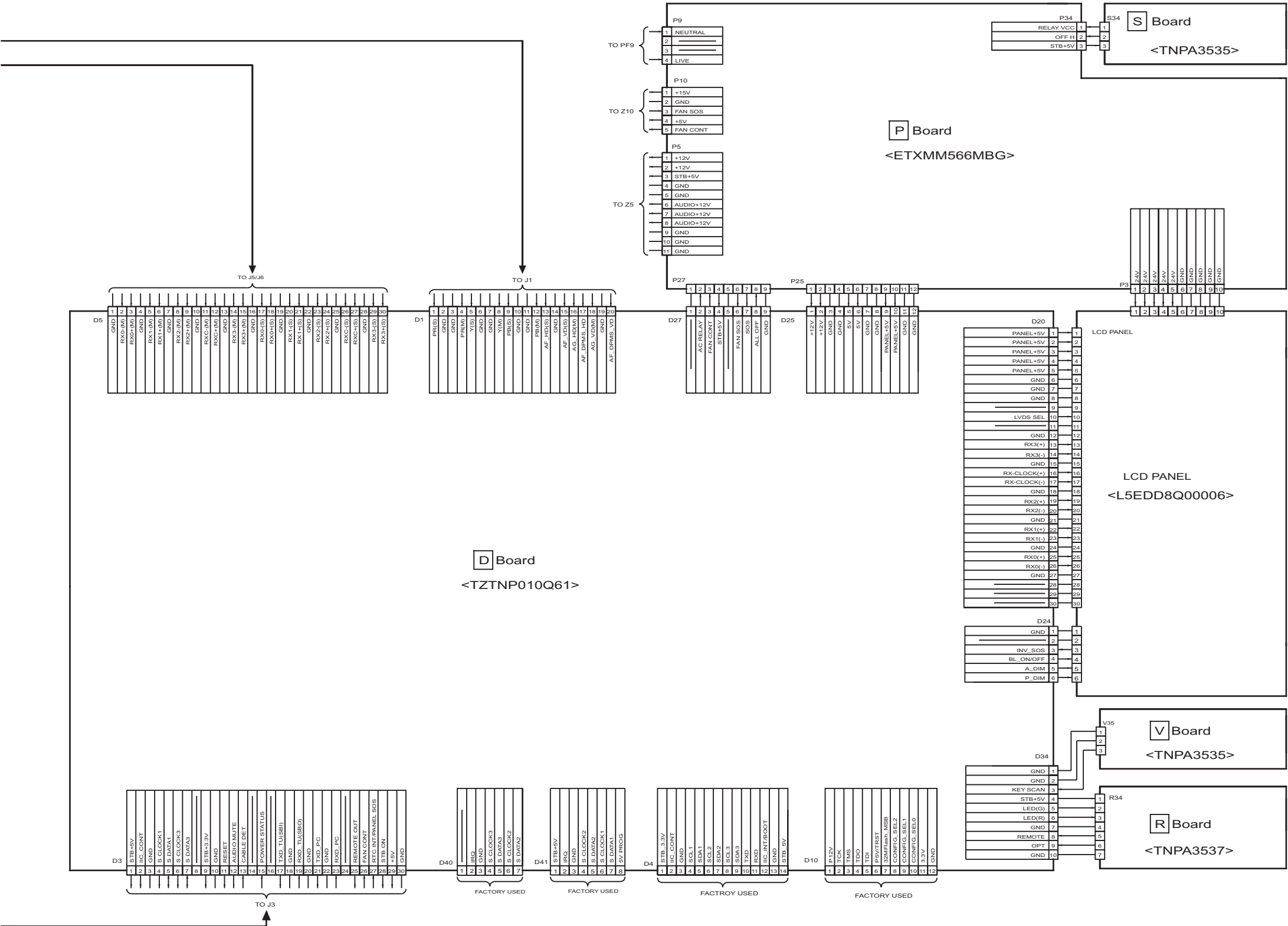
TH-32LHD7BK/BS/EK/ES/UXK/UXS/UY
D-BOARD TZTNP010Q61

TH-32LHD7BK/BS/EK/ES/UXK/UXS/UY
D-BOARD TZTNP010Q61

14.2. Main Block Diagram (1 of 2)



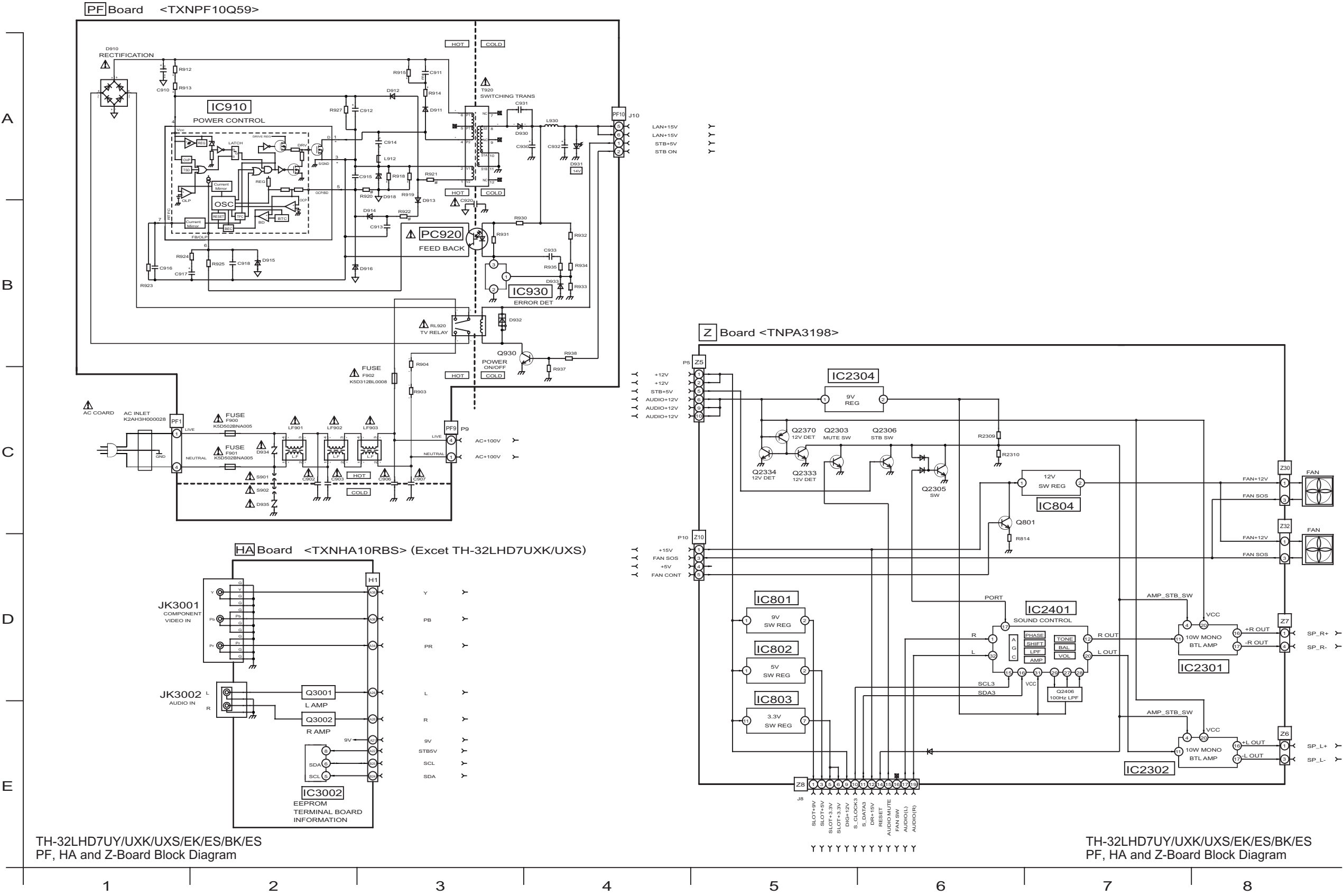
14.3. Main Block Diagram (2 of 2)



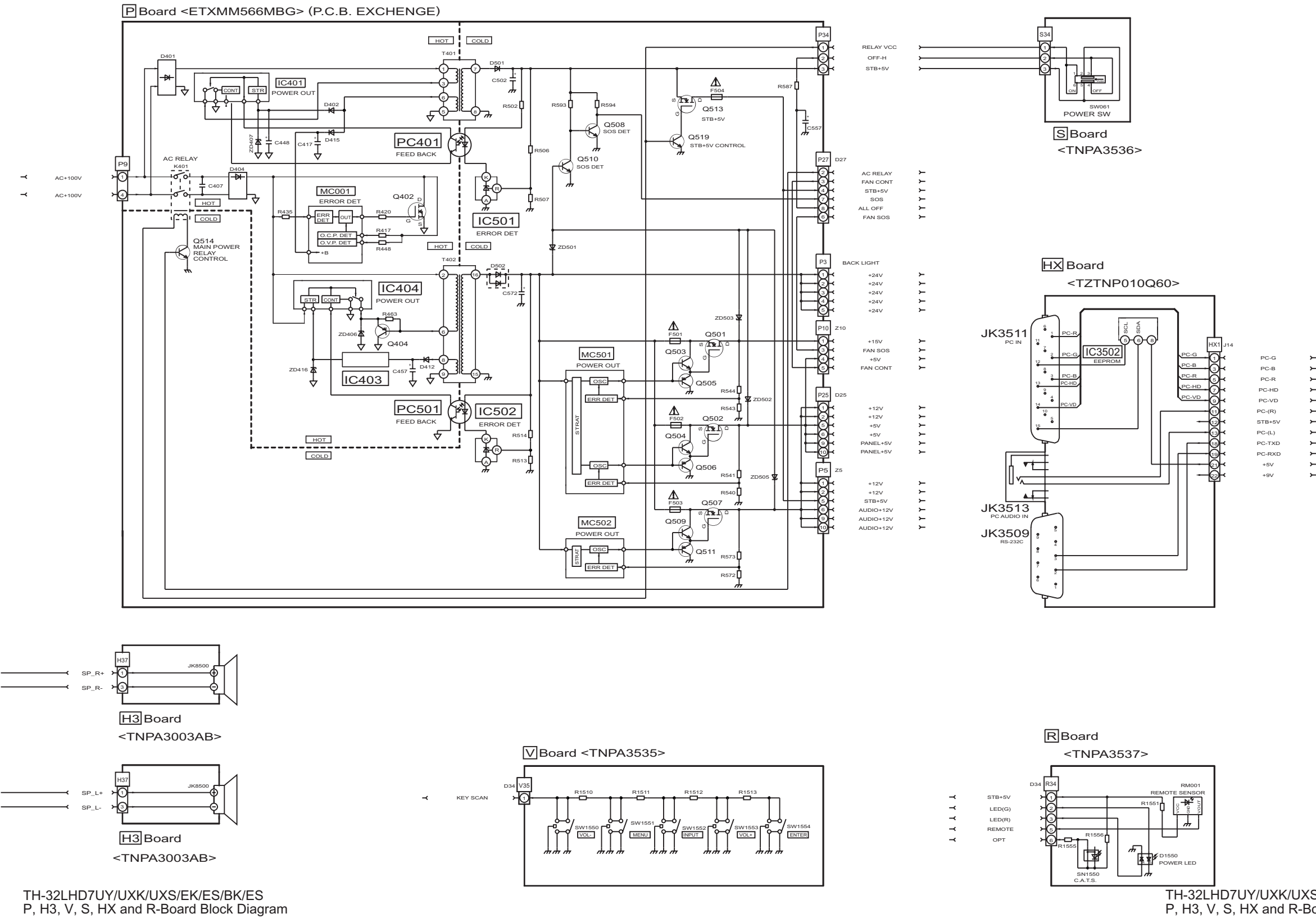
TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
Main Block Diagram (2 of 2)

TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
Main Block Diagram (2 of 2)

14.4. PF, HA and Z-Board Block Diagram



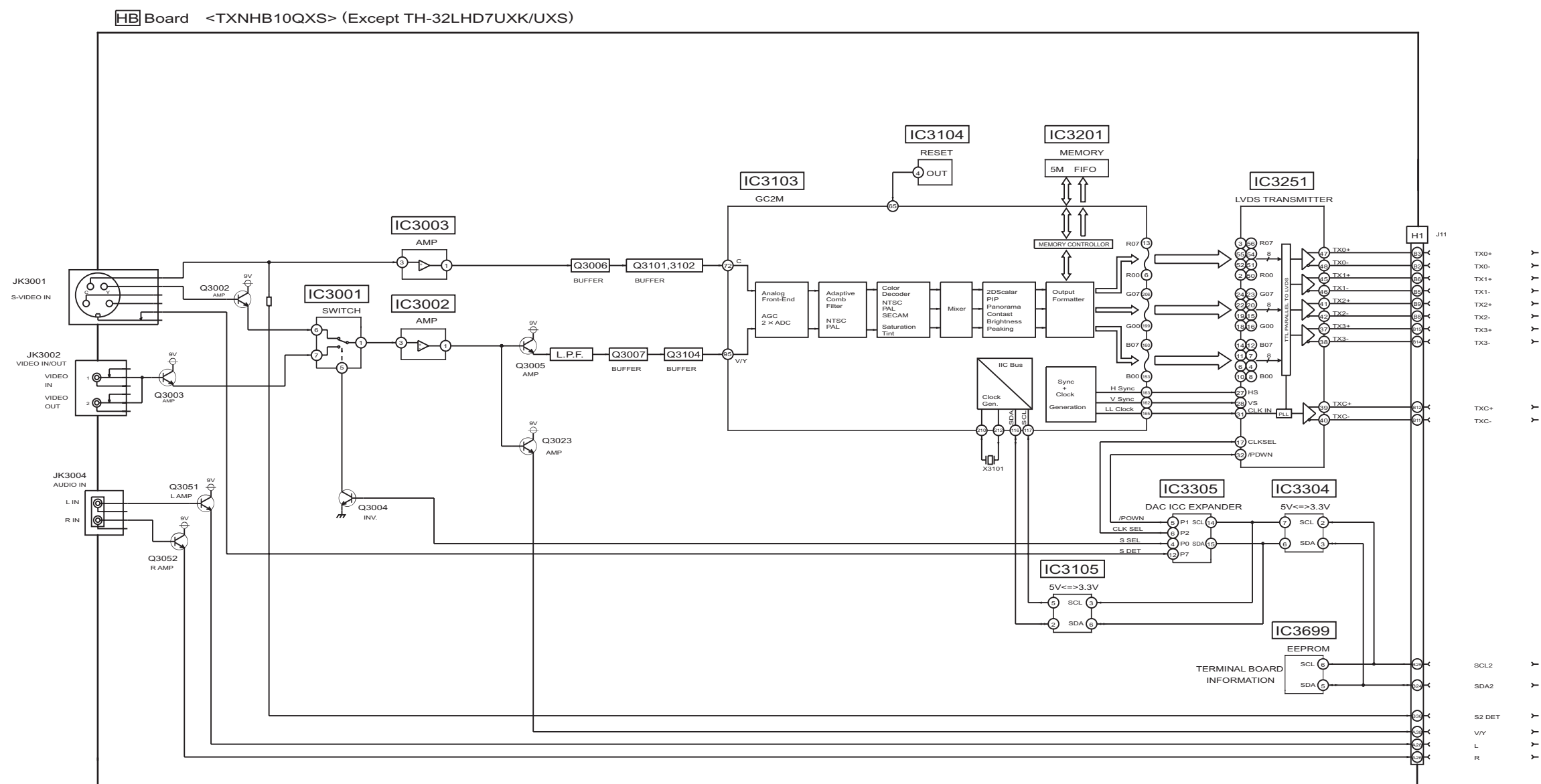
14.5. P, H3, V, S, HX and R-Board Block Diagram



TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
P, H3, V, S, HX and R-Board Block Diagram

TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
P, H3, V, S, HX and R-Board Block Diagram

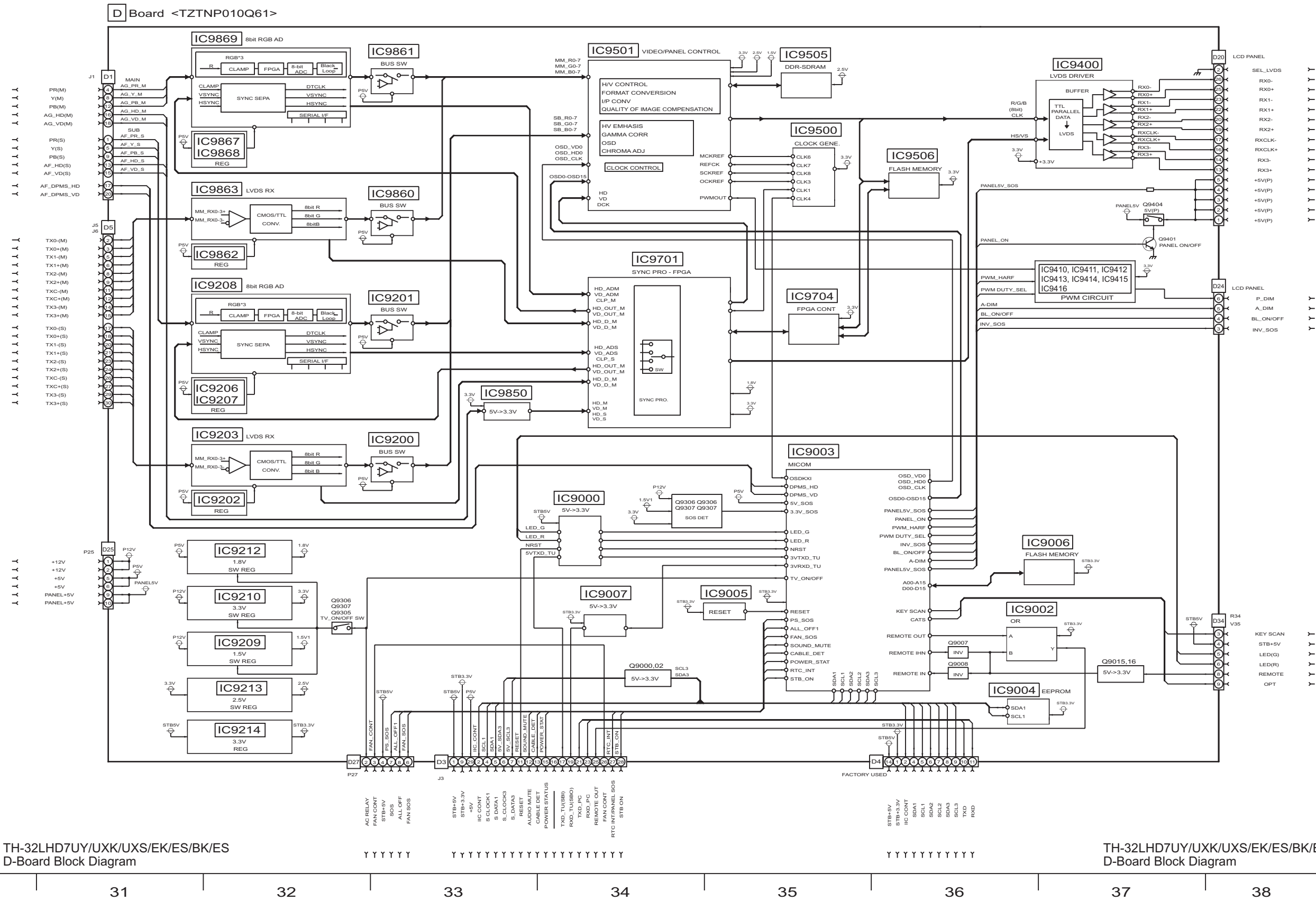
14.6. HB-Board Block Diagram



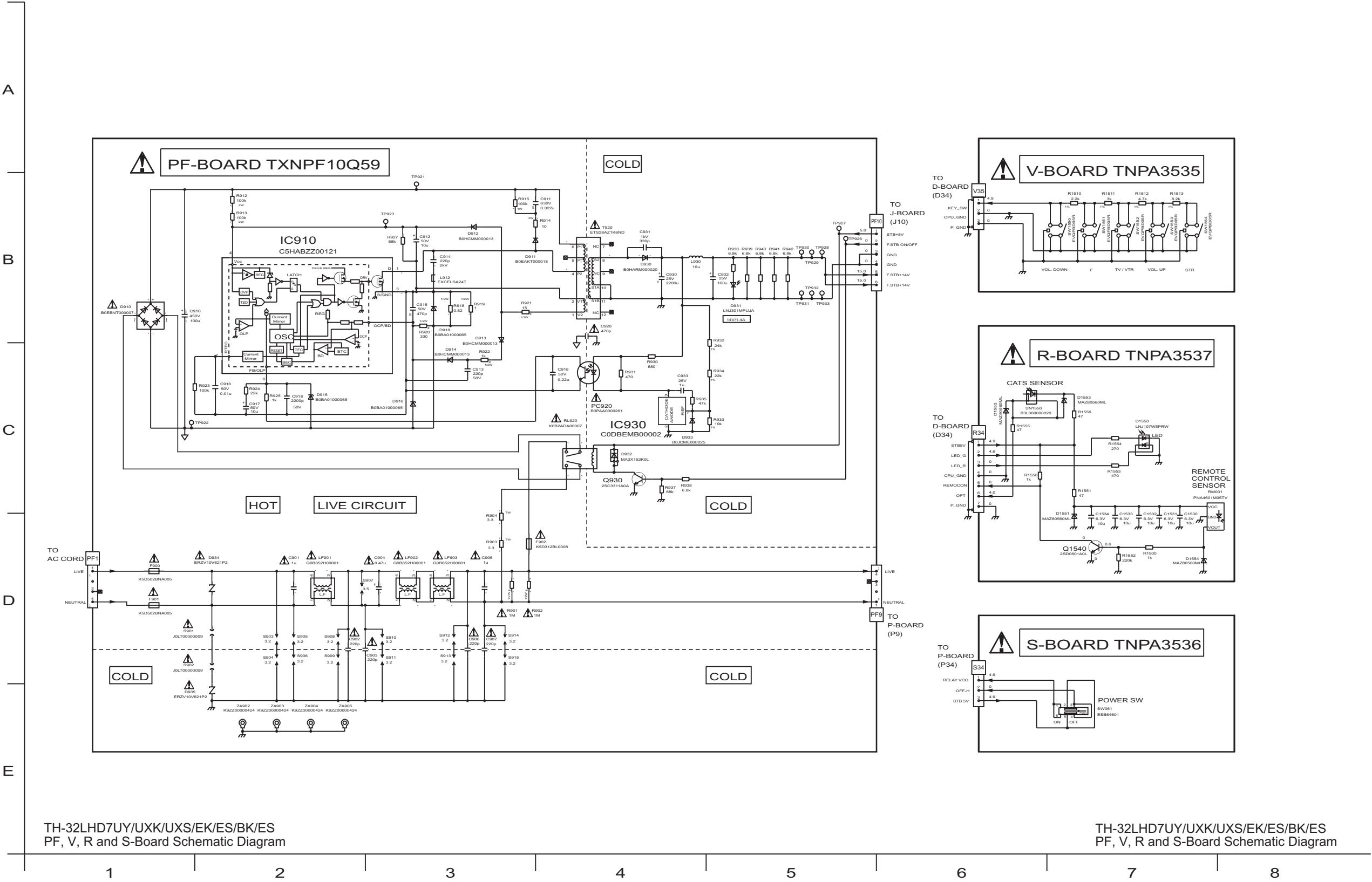
TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
HB-Board Block Diagram

TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
HB-Board Block Diagram

14.8. D-Board Block Diagram

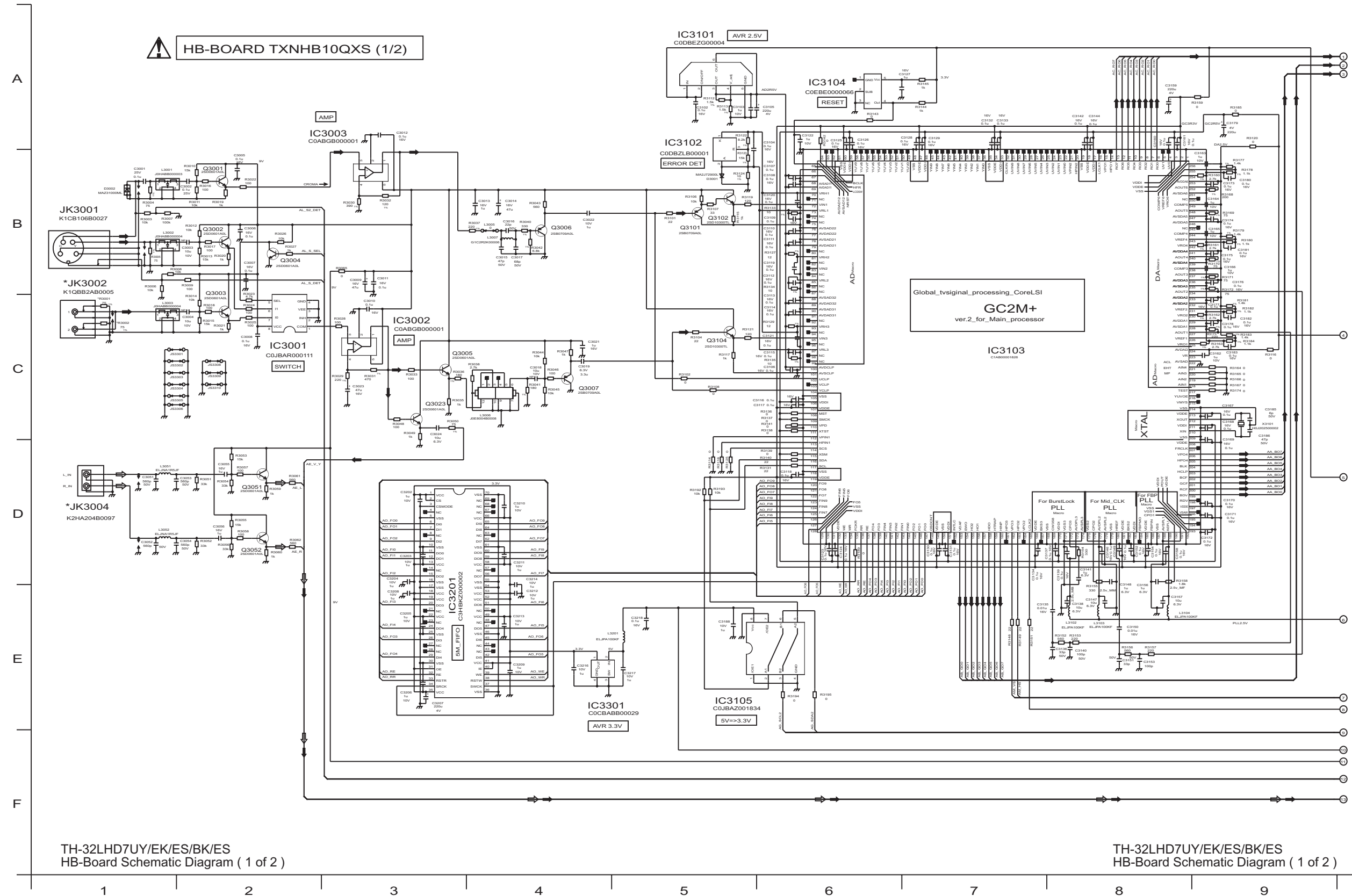


14.9. PF, V, R and S-Board Schematic Diagram

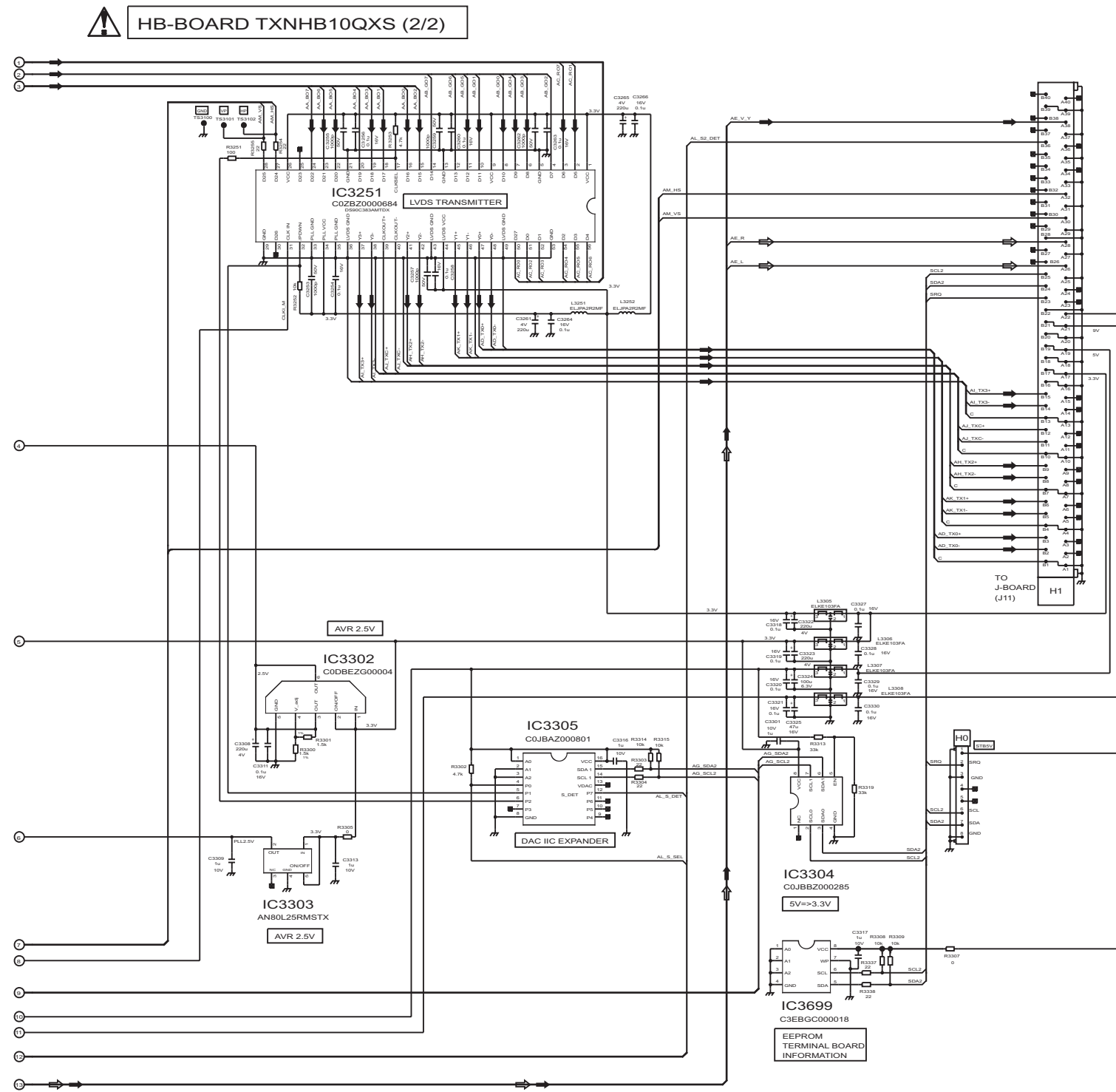




14.11. HB-Board (1 fo 2) Schematic Diagram



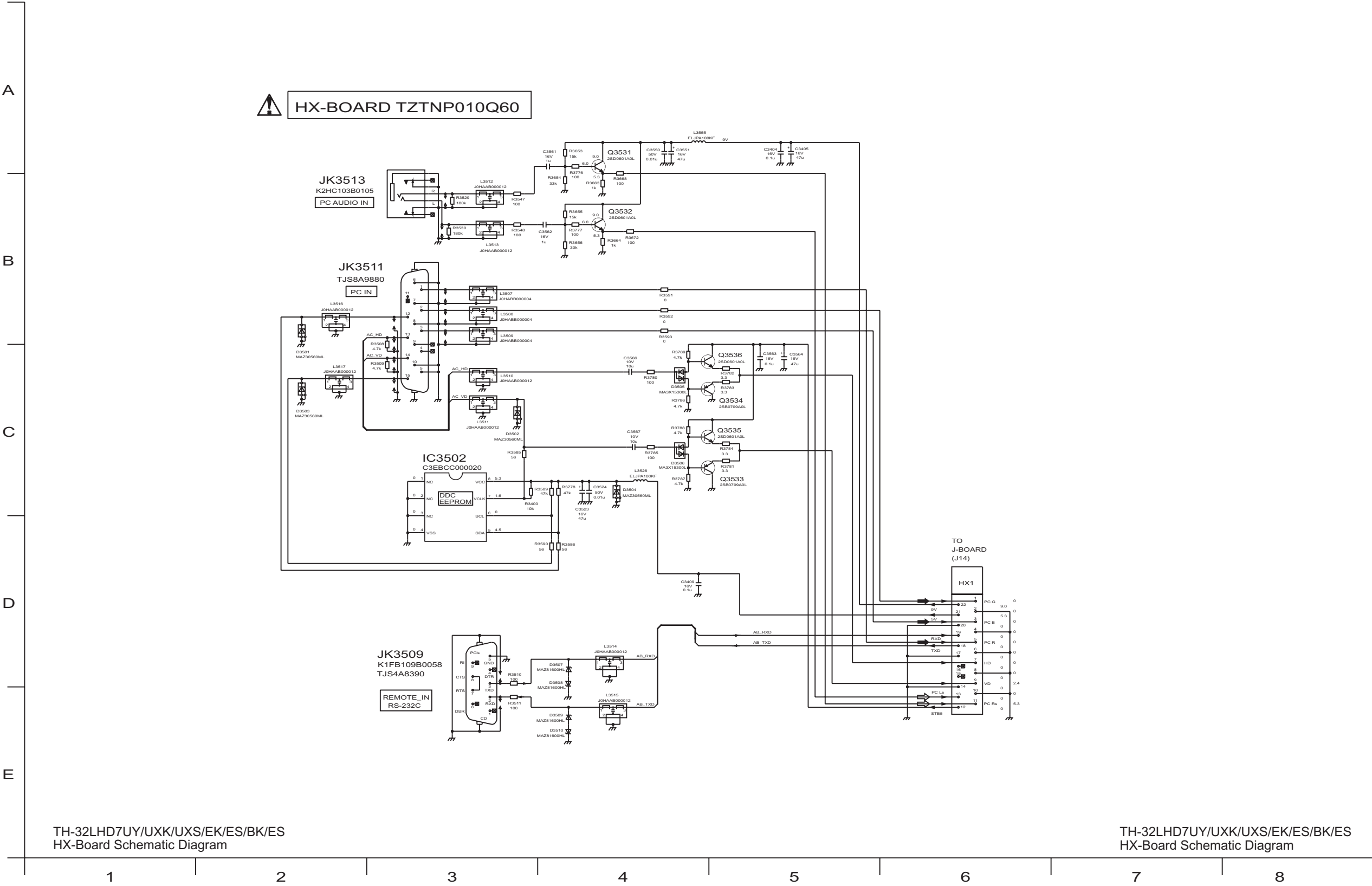
14.12. HB-Board (2 fo 2) Schematic Diagram



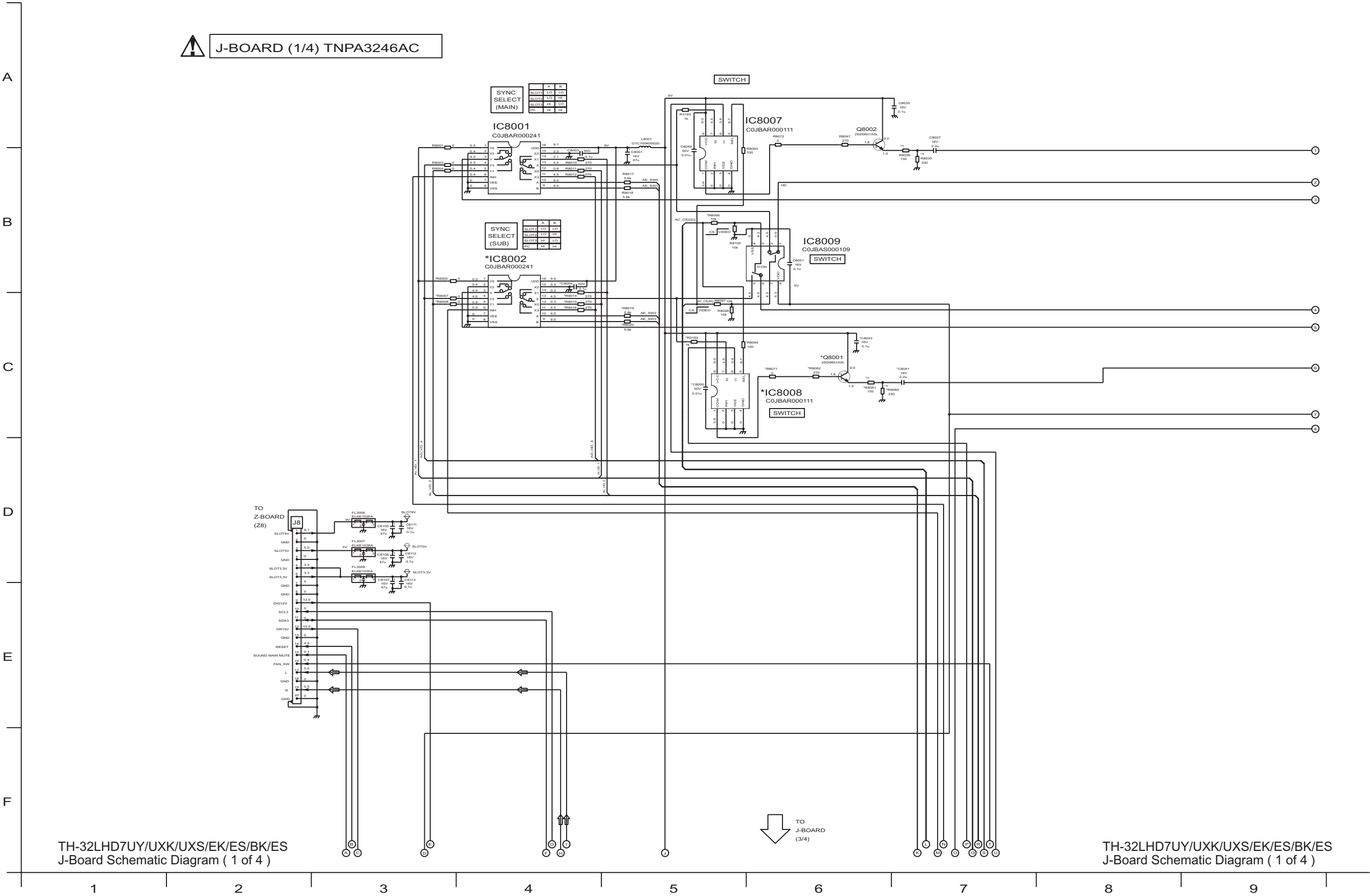
TH-32LHD7UY/EK/ES/BK/ES
HB-Board Schematic Diagram (2 of 2)

TH-32LHD7UY/EK/ES/BK/ES
HB-Board Schematic Diagram (2 of 2)

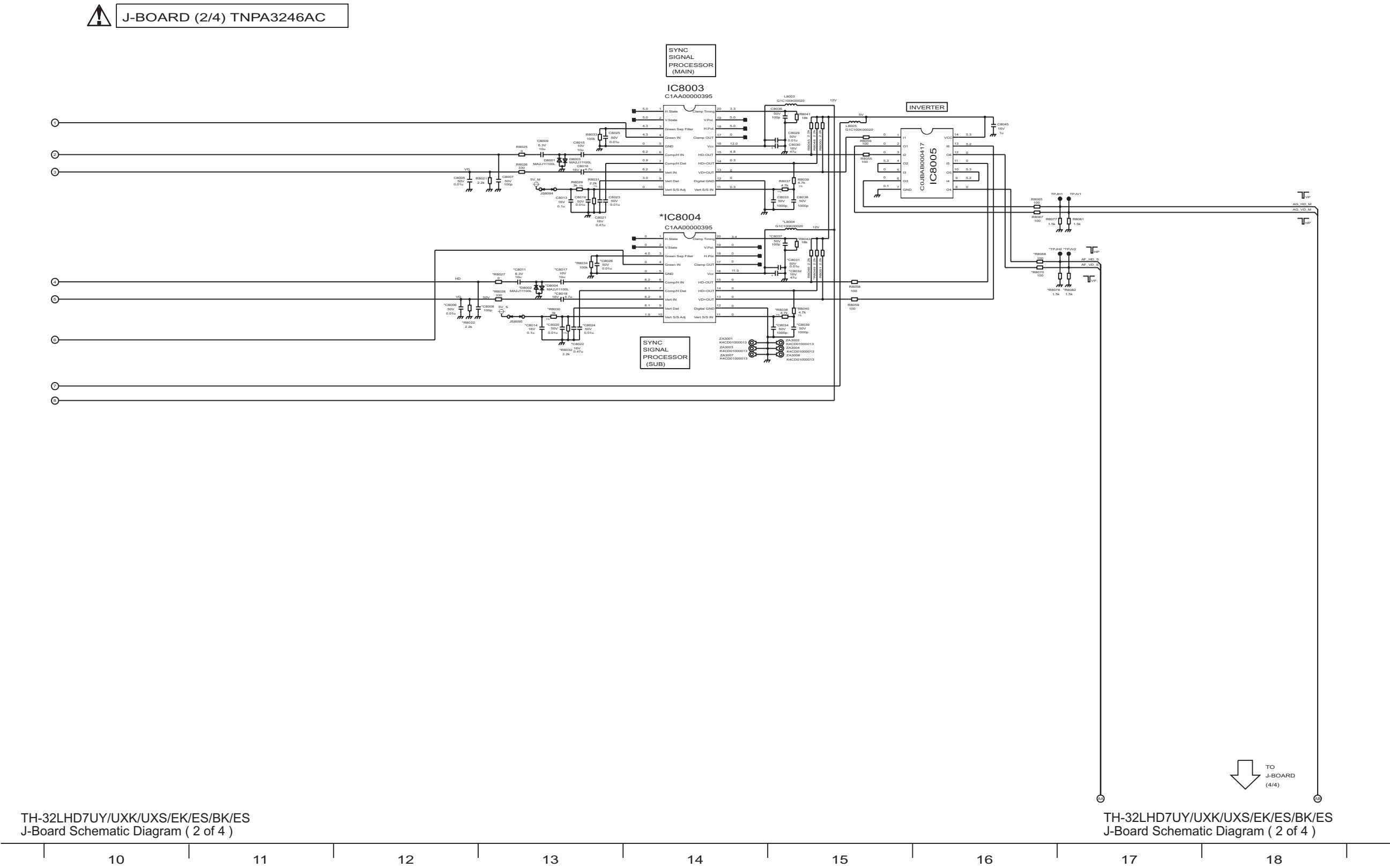
14.13. HX-Board Schematic Diagram



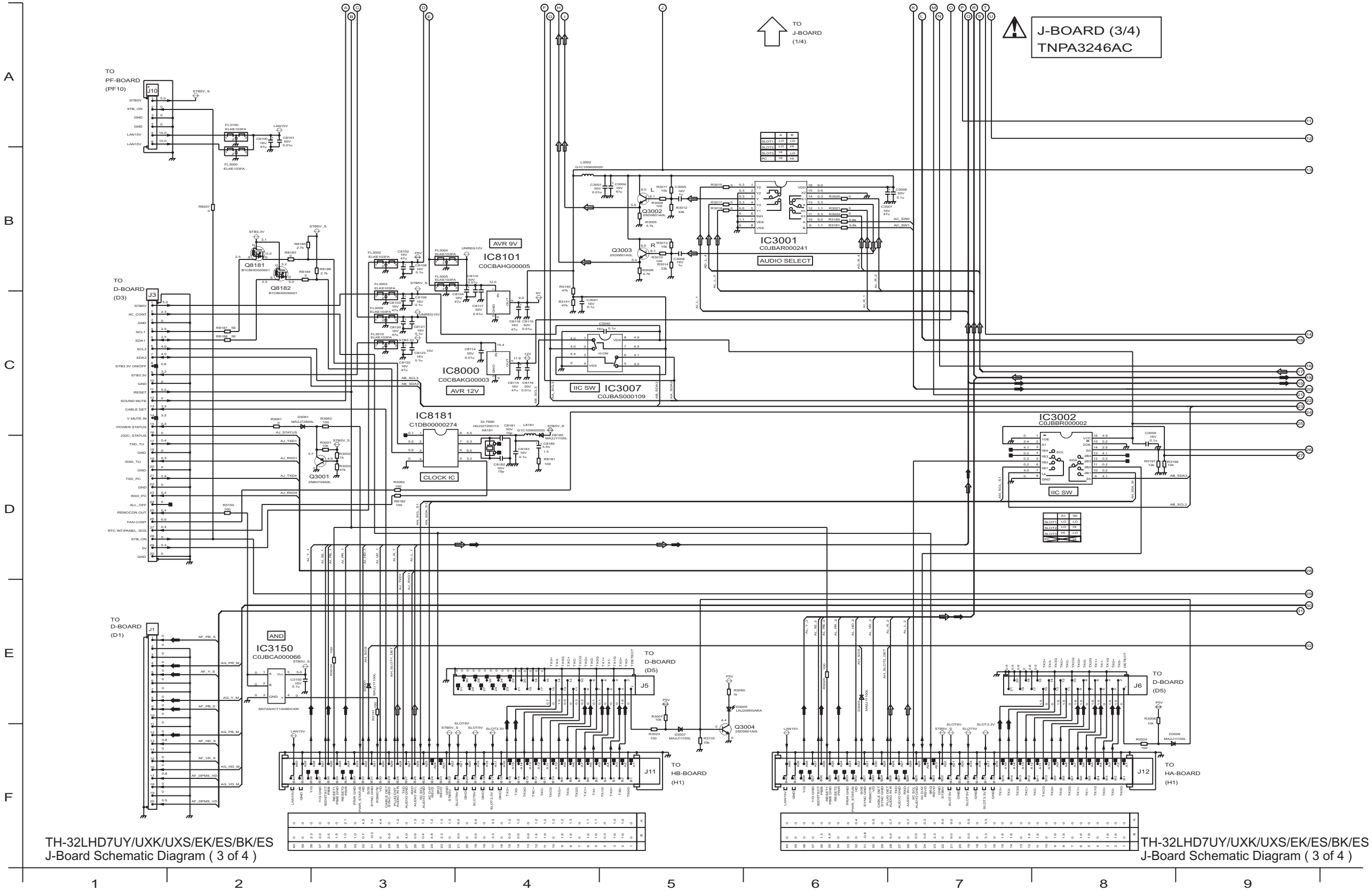
14.14. J-Board (1 of 4) Schematic Diagram



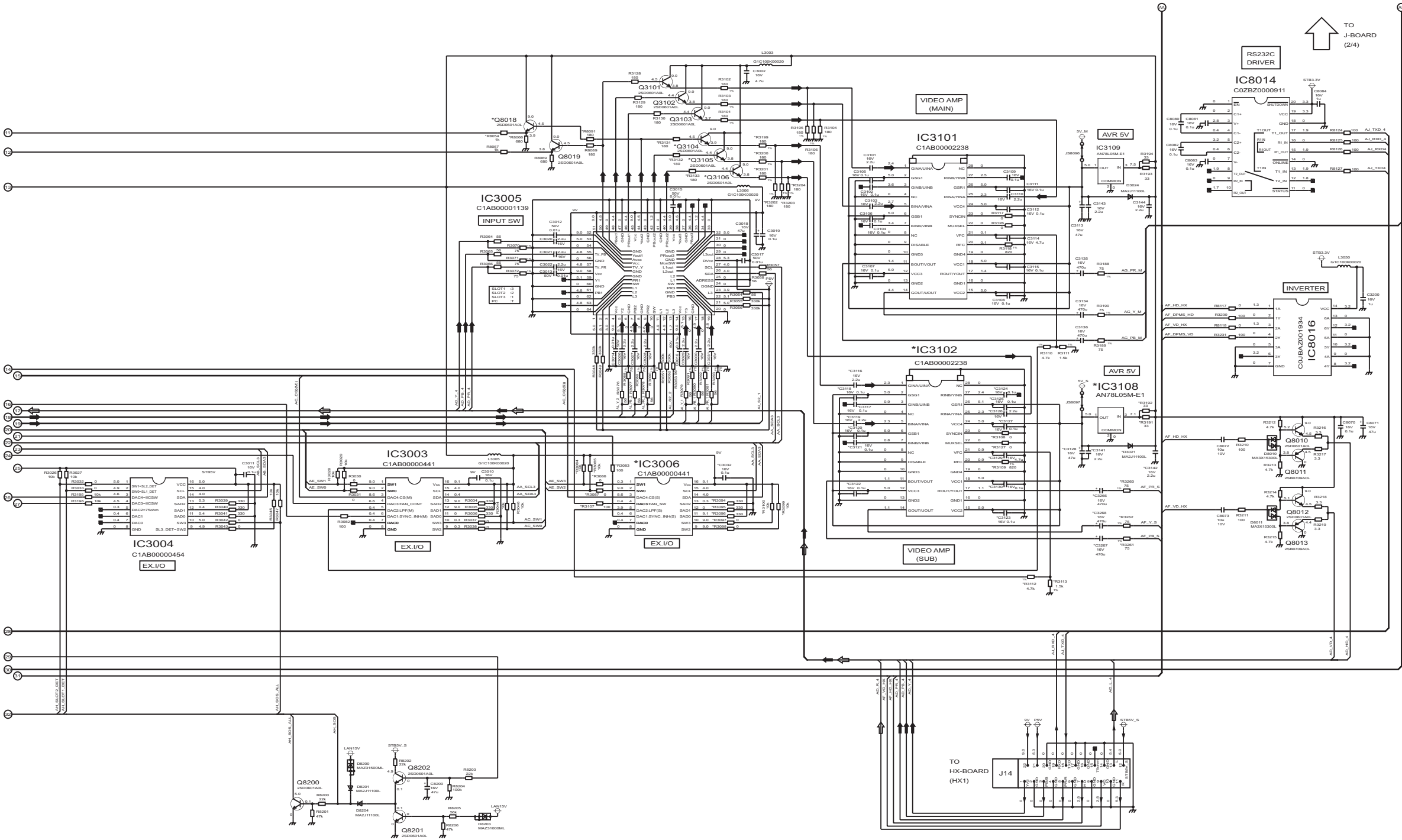
14.15. J-Board (2 of 4) Schematic Diagram



14.16. J-Board (3 of 4) Schematic Diagram



14.17. J-Board (4 of 4) Schematic Diagram



J-BOARD (4/4) TNPA3246AC

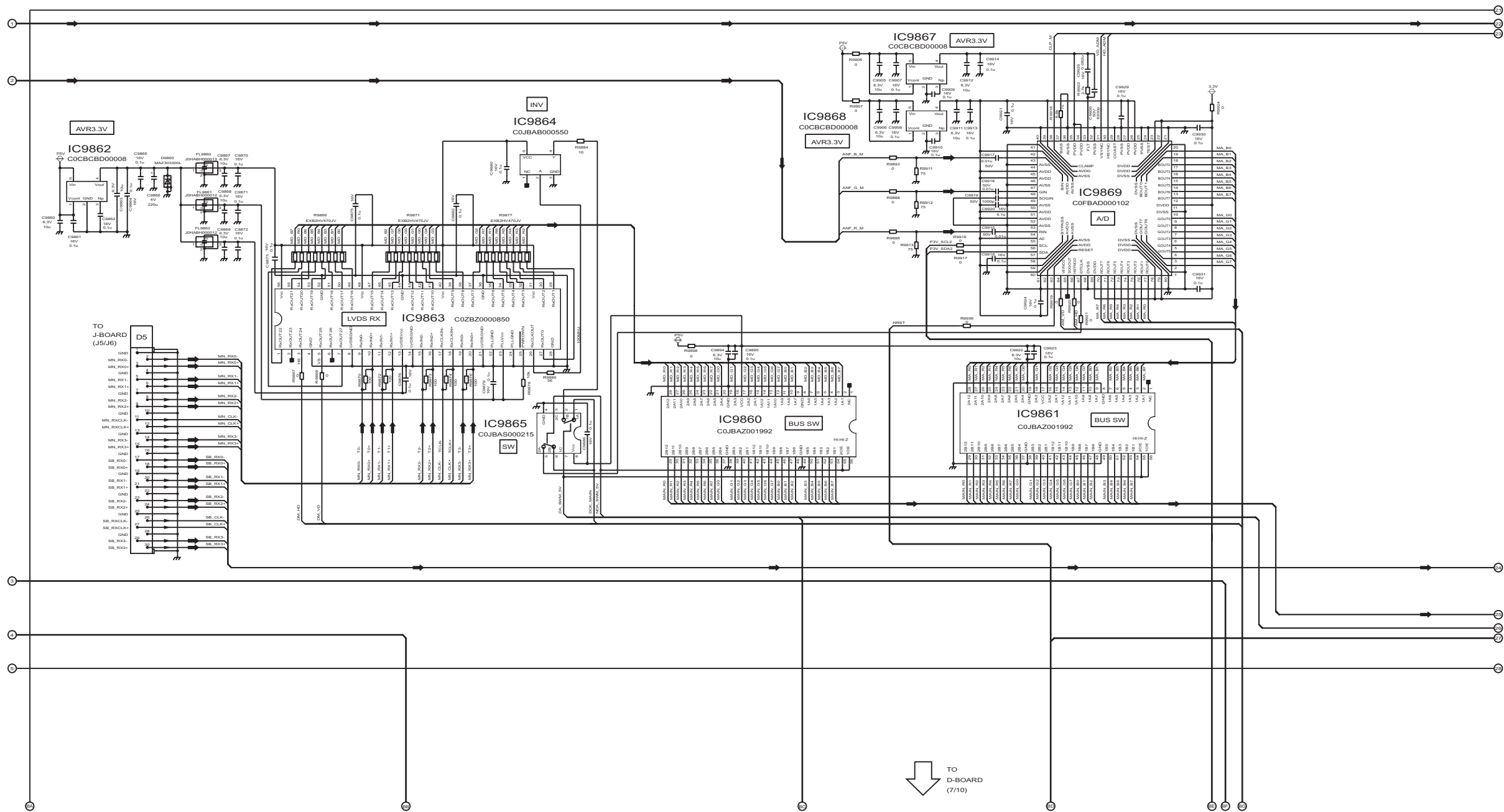
TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
J-Board Schematic Diagram (4 of 4)

TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
J-Board Schematic Diagram (4 of 4)



14.19. D-Board (2 of 10) Schematic Diagram

⚠ D-BBOARD TZTNP010Q61 (2/10)



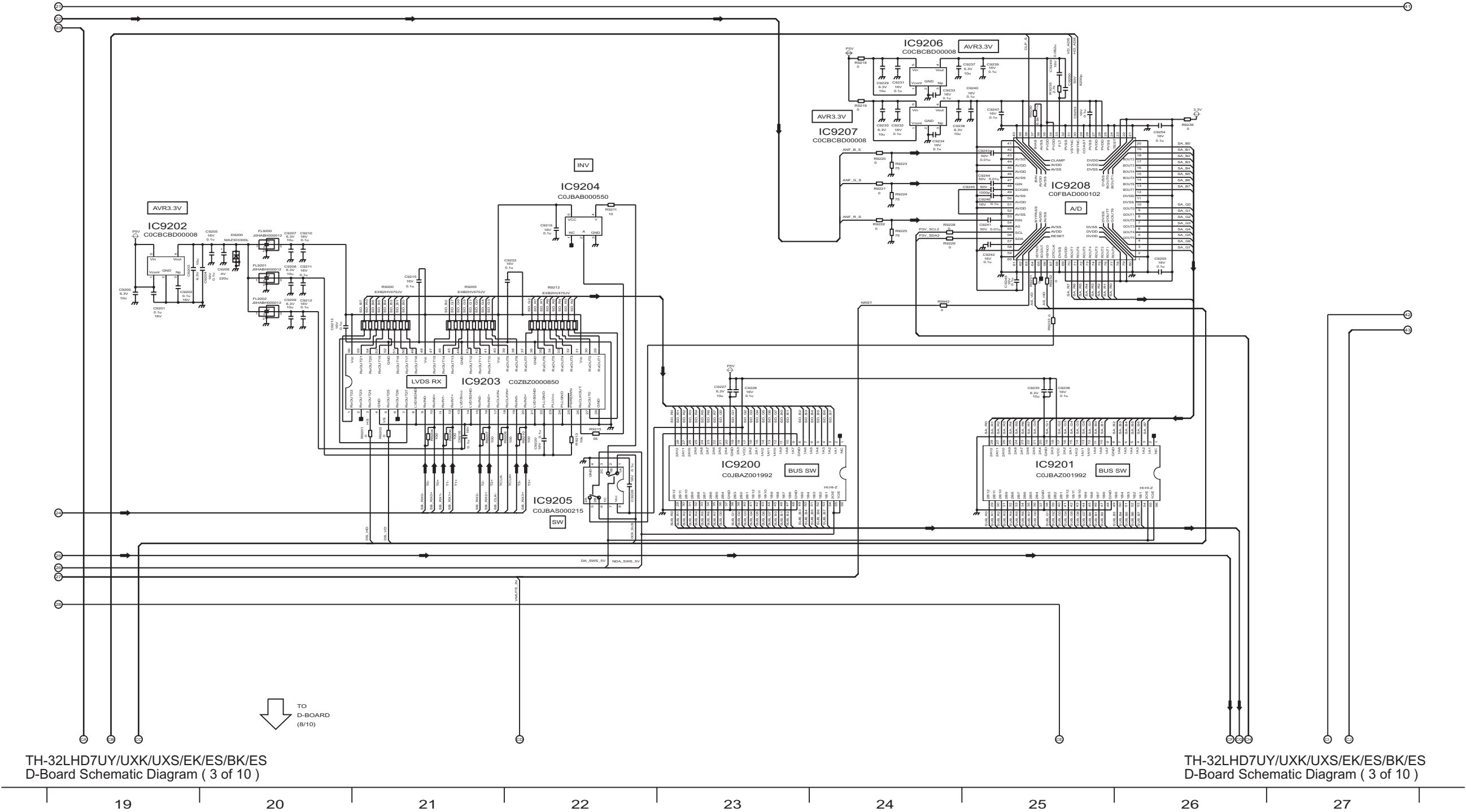
TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
D-Board Schematic Diagram (2 of 10)

TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
D-Board Schematic Diagram (2 of 10)

14.20. D-Board (3 of 10) Schematic Diagram



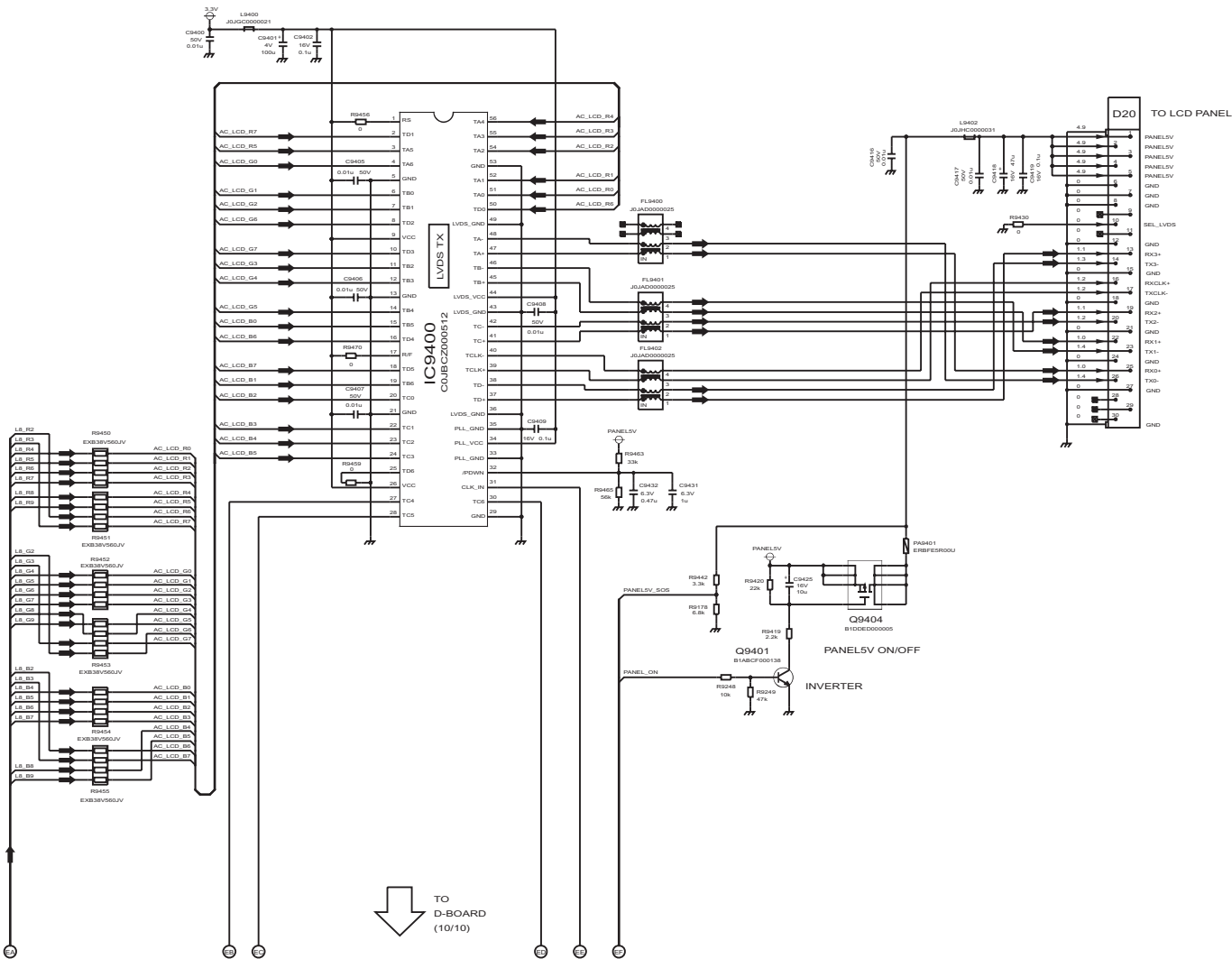
D-BOARD TZTNP010Q61 (3/10)





14.22. D-Board (5 of 10) Schematic Diagram

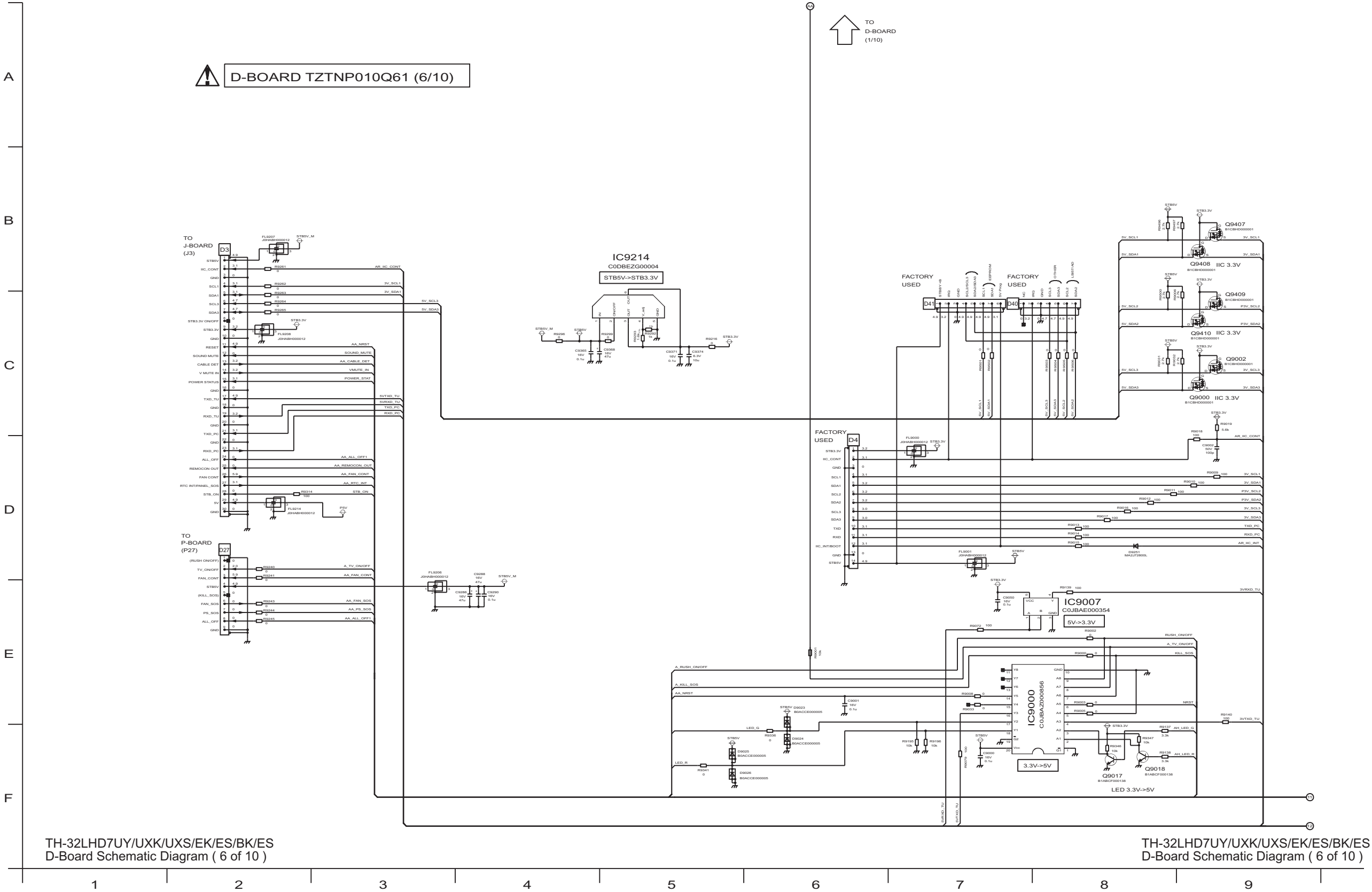
 D-BOARD TZTNP010Q61 (5/10)



TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
D-Board Schematic Diagram (5 of 10)

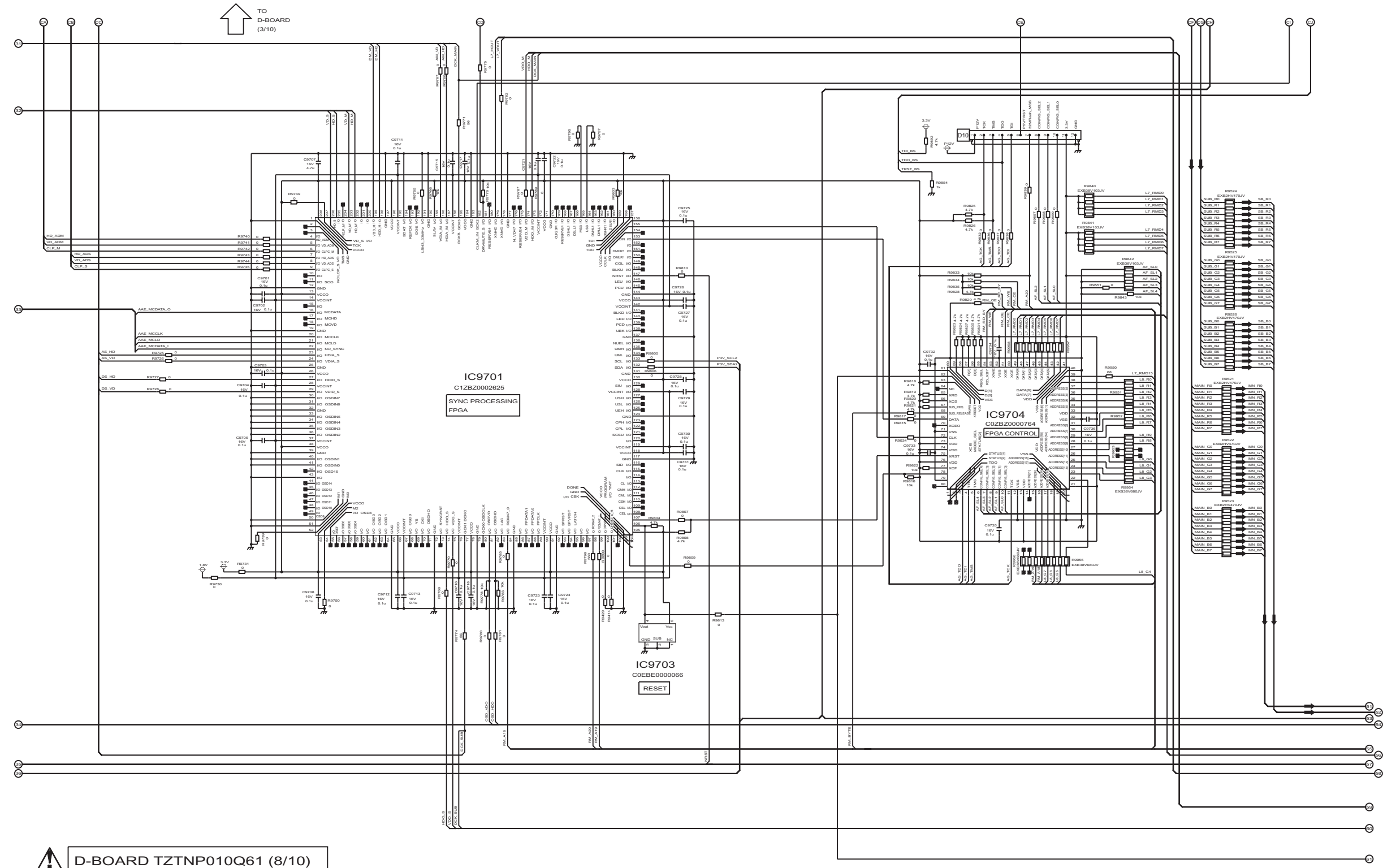
TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
D-Board Schematic Diagram (5 of 10)

14.23. D-Board (6 of 10) Schematic Diagram





14.25. D-Board (8 of 10) Schematic Diagram

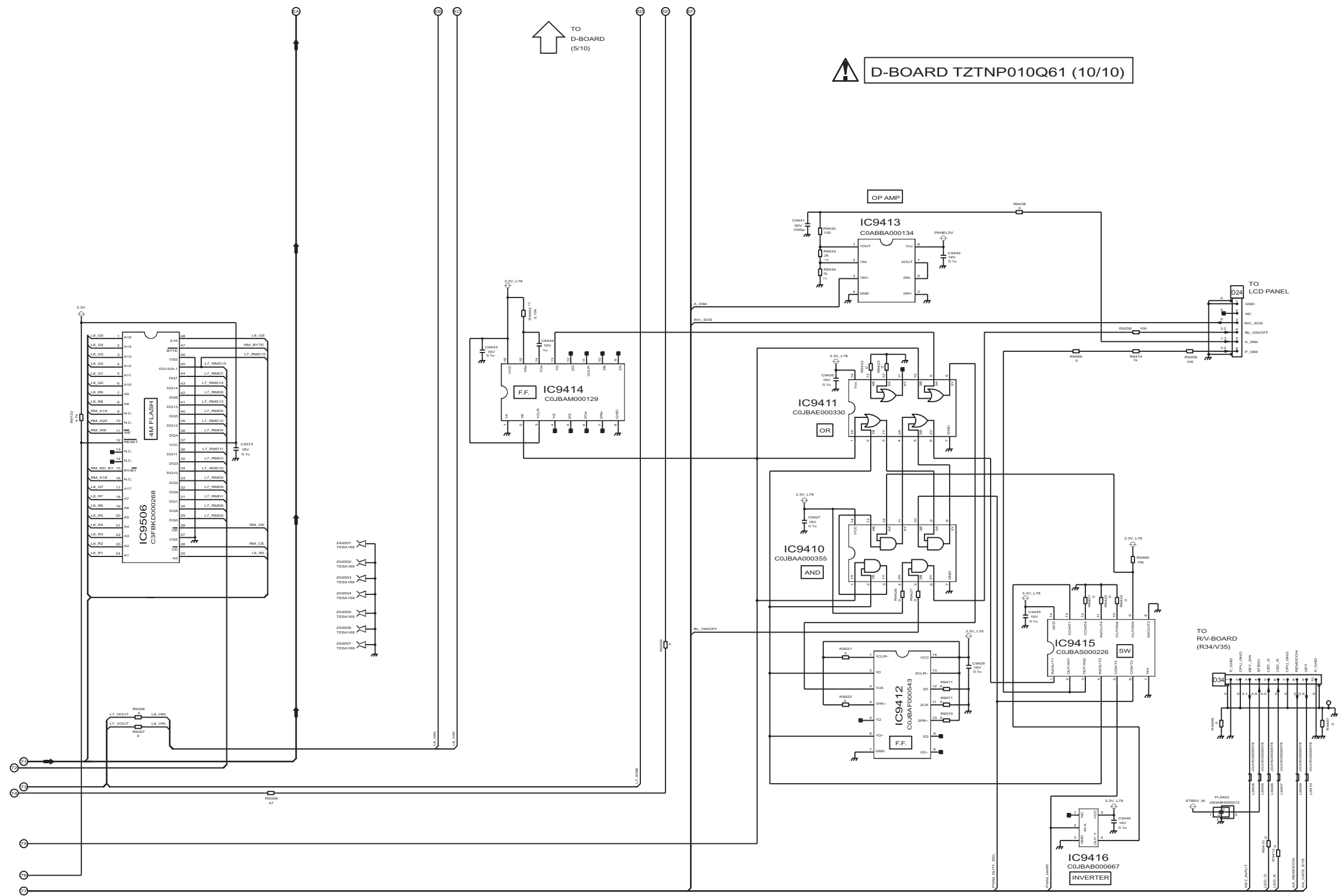


D-BOARD TZNTP010Q61 (8/10)

TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
D-Board Schematic Diagram (8 of 10)

TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
D-Board Schematic Diagram (8 of 10)

14.27. D-Board (10 of 10) Schematic Diagram

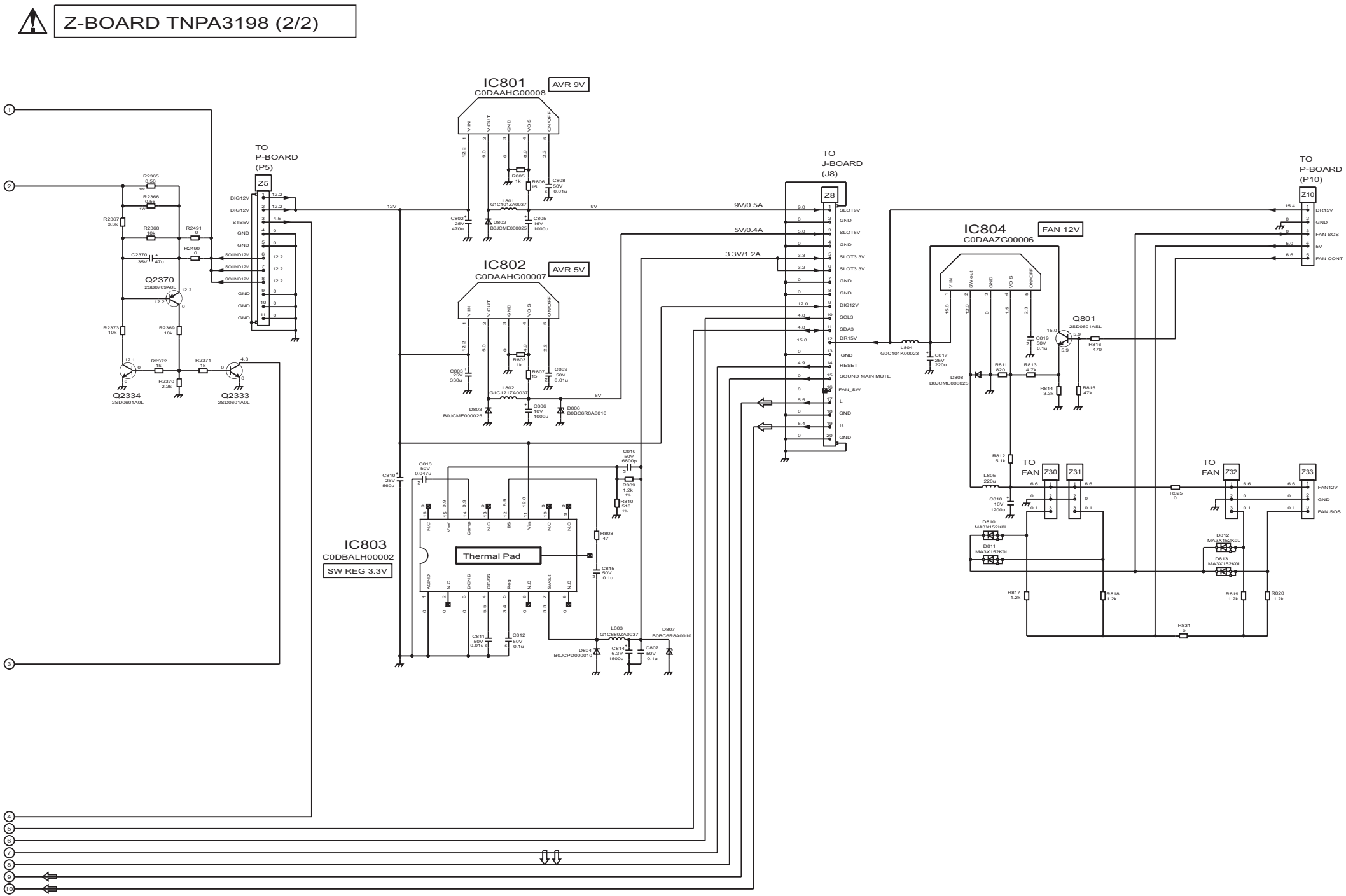


TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
D-Board Schematic Diagram (10 of 10)

TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
D-Board Schematic Diagram (10 of 10)



14.29. Z-Board (2 of 2) Schematic Diagram

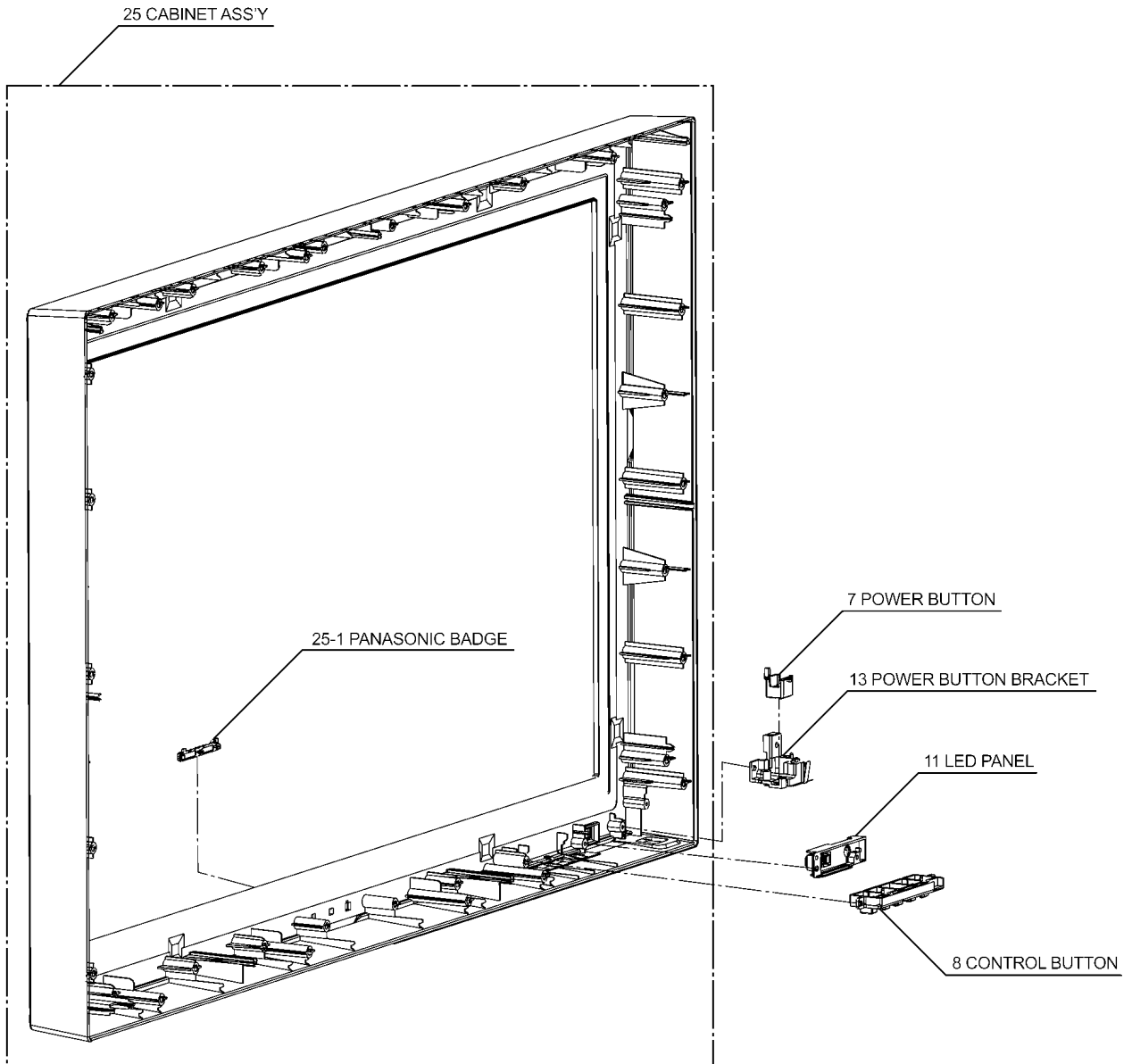


TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
Z-Board (2 of 2) Schematic Diagram

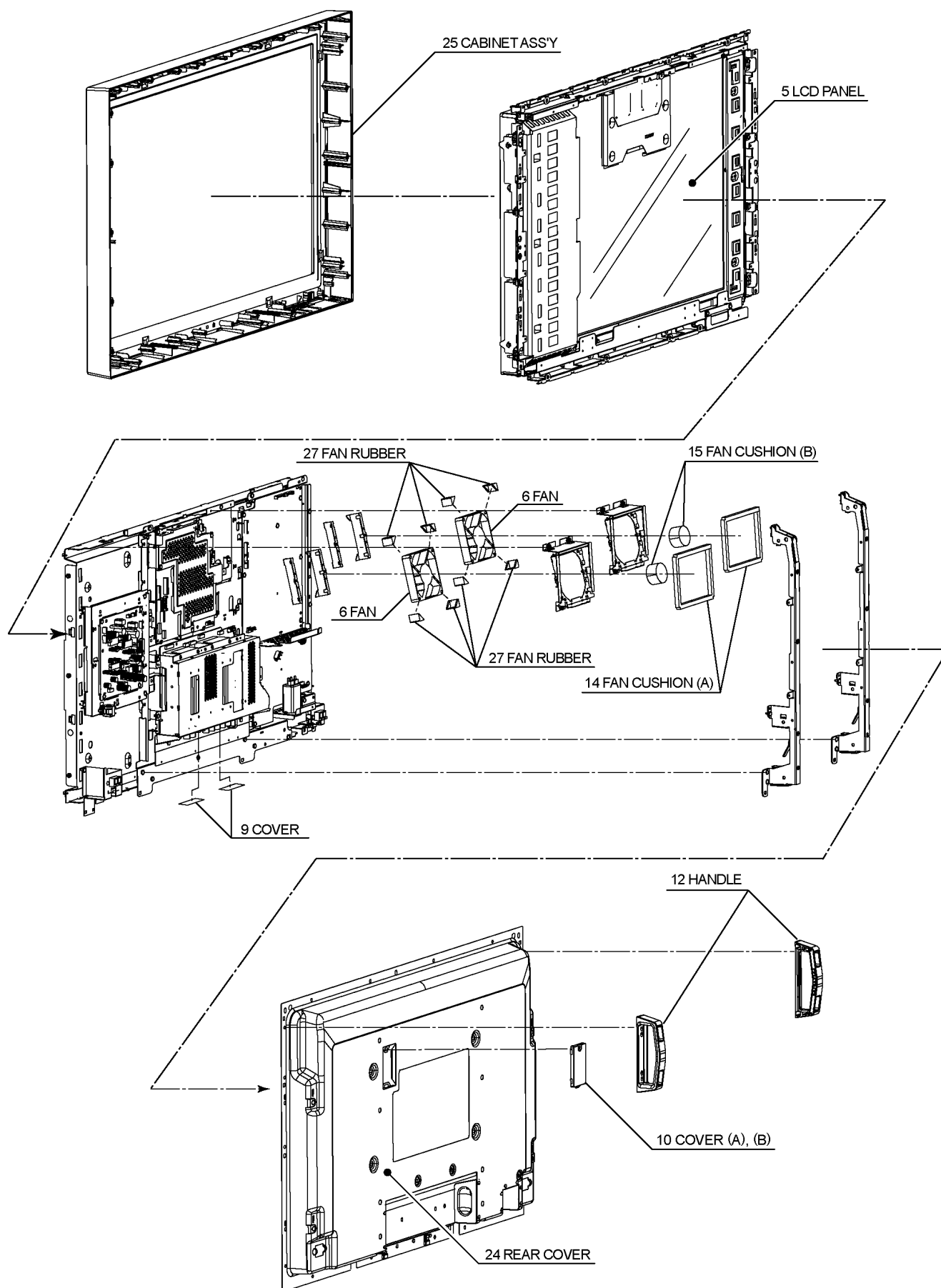
TH-32LHD7UY/UXK/UXS/EK/ES/BK/ES
Z-Board (2 of 2) Schematic Diagram

15 Parts Location

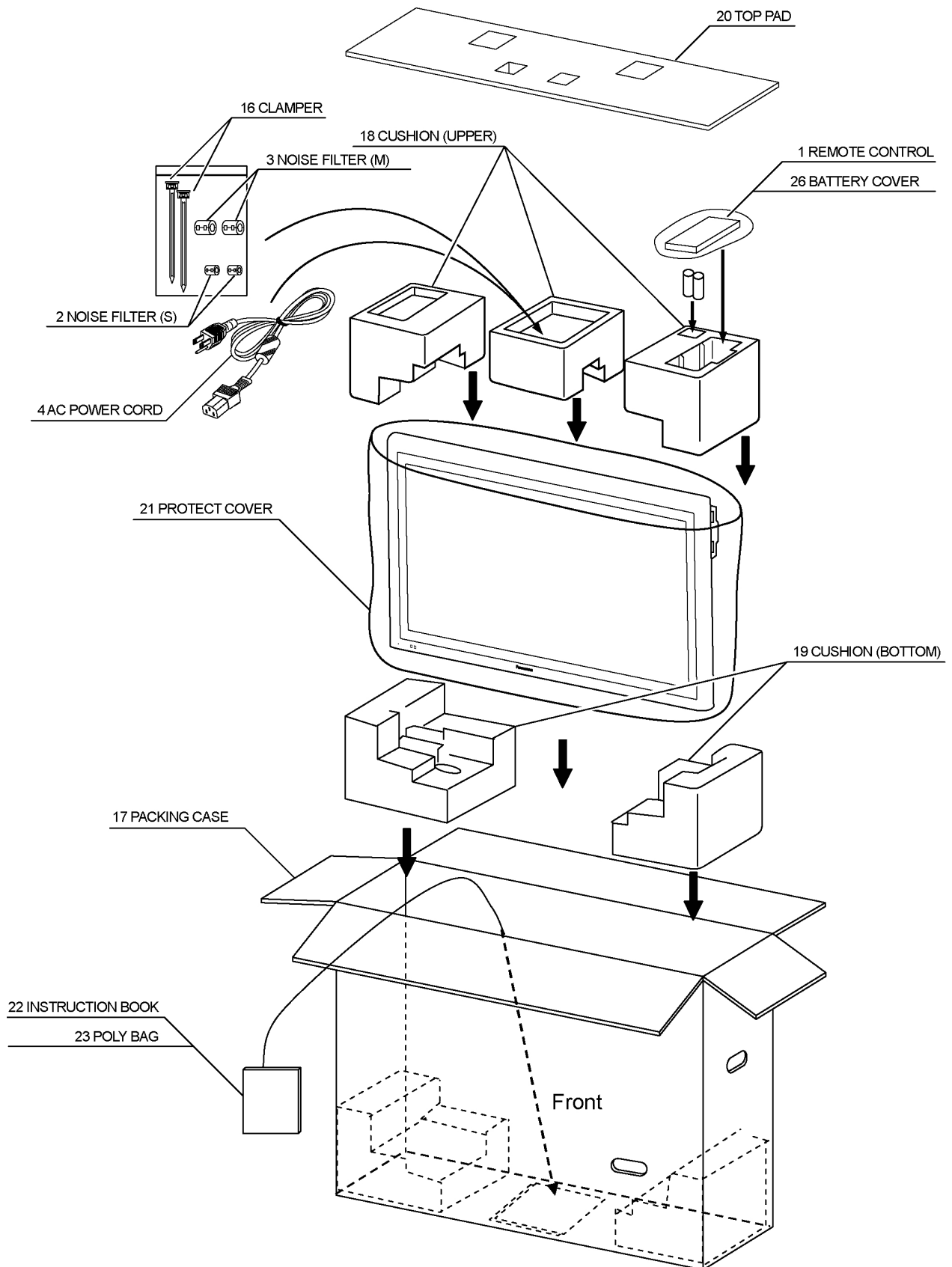
15.1. Parts Location (1)



15.2. Parts Location (2)



15.3. Packing Exploded View



16 Replacement Parts List

16.1. Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EUR646535	REMOTE CONTROL	1	
2	J0KF00000018	NOISE FILTER	1	
	J0KG00000042	NOISE FILTER	1	
3	J0KG00000054	NOISE FILTER	2	
	K2AH3H000035	AC INLET	1	△
4	K2CG3DH00025	AC POWER CORD	1	UY/UXK/UXS △
	K2CN3DH00006	AC POWER CORD	1	EK/ES △
	K2CT3DH00018	AC POWER CORD	1	BK/BS △
5	L5EDD8Q00006	LCD PANEL	1	△
6	L6FALCEH0005	FAN	2	
7	TBXA45701	POWER BUTTON	1	BK/EK/UY/UXK
	TBXA45702	POWER BUTTON	1	BS/ES/UXS
8	TBXA45801	CONTROL BUTTON	1	BK/EK/UY/UXK
	TBXA45802	CONTROL BUTTON	1	BS/ES/UXS
9	TKKL5266	COVER	2	UXS/UXK
10	TKKL5269	COVER (A)	1	BK/BS/EK/ES △
	TKKL5269-3	COVER (B)	1	UY/UXS/UXK △
11	TKPA94401	LED PANEL	1	BK/EK/UY/UXK
	TKPA94402	LED PANEL	1	BS/ES/UXS
12	TKRA20501	HANDLE	2	
13	TKXA18001	POWER BUTTON BRACKET	1	BK/EK/UY/UXK
	TKXA18002	POWER BUTTON BRACKET	1	BS/ES/UXS
14	TMKG525	FAN CUSHION (A)	1	
15	TMKG526	FAN CUSHION (B)	1	
	TMM17499	CLAMPER	1	
	TMM6428-1	CLAMPER	5	
	TMM7443-3	CLAMPER	5	
	TMM7443-3	CLAMPER	4	
	TMME047	CLAMPER	2	
	TMME185	CLAMPER	2	
16	TMME187	CLAMPER	2	
	TMME217	CLAMPER	1	
	TMME225	AC CORD CLAMPER	1	
	TMME228	CLAMPER	2	
	TMME250	CLAMPER	2	
	TMMJ068	RUBBER	3	
17	TPCB73203	PACKING CASE	1	UY △
	TPCB73204	PACKING CASE	1	UXK △
	TPCB73205	PACKING CASE	1	UXS △
	TPCB73210	PACKING CASE	1	EK △
	TPCB73211	PACKING CASE	1	ES △
	TPCB73212	PACKING CASE	1	BS △
	TPCB73213	PACKING CASE	1	BK △
18	TPDA1071	CUSHION (UPPER)	1	
19	TPDA1072	CUSHION (BOTTOM)	1	
20	TPDF1368	TOP PAD	1	
21	TPEH210	PROTECT COVER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
22	TQBC0974	INSTRUCTION BOOK(ENGLISH)	1	UXK/UXS △
	TQBC0975	INSTRUCTION BOOK(SPANISH)	1	UXK/UXS △
	TQBC0976	INSTRUCTION BOOK(FRENCH)	1	UXK/UXS △
	TQBC0977	INSTRUCTION BOOK(ENGLISH)	1	UY △
	TQBC0978	INSTRUCTION BOOK(SPANISH)	1	UY △
	TQBC0979	INSTRUCTION BOOK(FRENCH)	1	UY △
	TQBC0985	INSTRUCTION BOOK(ENGLISH)	1	BK/BS △
	TQBC0986	INSTRUCTION BOOK(ENGLISH)	1	EK/ES △
	TQBC0987	INSTRUCTION BOOK(GERMAN)	1	EK/ES △
	TQBC0988	INSTRUCTION BOOK(FRENCH)	1	EK/ES △
	TQBC0989	INSTRUCTION BOOK(ITALIAN)	1	EK/ES △
	TQBC0990	INSTRUCTION BOOK(SPANISH)	1	EK/E △ S
	TQBC0991	INSTRUCTION BOOK(DUTCH)	1	EK/ES △
	TQBC0992	INSTRUCTION BOOK(DENMARK)	1	EK/ES △
	TQBC0993	INSTRUCTION BOOK(SWEDISH)	1	EK/ES △
23	TQEF035	POLY BAG	1	
24	TTUA1120	REAR COVER	1	UY △
	TTUA1121	REAR COVER	1	UXK/UXS △
	TTUA1122	REAR COVER	1	EK/ES △
	TTUA1123	REAR COVER	1	BK/BS △
25	TTYA0687	CABINET ASS'Y	1	BK/EK/UY/UXK △
	TTYA0692	CABINET ASS'Y	1	BS/ES/UXS △
25-1	TBMA162	PANASONIC BADGE	1	
	TXJ/Z60Q59	SPEAKER LEAD(RIGHT)	1	
	TXJ/Z70Q59	SPEAKER LEAD(LEFT)	1	
26	UR51EC810B	BATTERY COVER	1	
27	TMMJ093	FAN RUBBER	8	
	XTB4+15JFJ	SCREW	6	
	XTV3+10J	SCREW	4	BK/BS/EK/ES/UY
	XTV3+12JFJ	SCREW	4	
	XTV3+8JFJ	SCREW	58	
	XTW4+16SFJK	SCREW	17	
	XYC3+FF8FJ	SCREW	2	
	XYN3+F10	SCREW	1	
	XYN3+J8	SCREW	2	
	XYN4+E8FJ	SCREW	1	
	XYN4+F10FJ	SCREW	8	
	XZBT6506	POLY BAG	1	
	THEA068N	SCREW	4	
	THEL0239	SCREW	21	
	THEL027N	SCREW	13	
	THEL027N	SCREW	8	BK/BS/EK/ES/UY
	THTD010N	SCREW	3	

16.2. Replacement Parts List Notes

Important Safety Notice

Components identified by $\triangle$ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 $\underline{C}$ 100KOHM, $\underline{J}$, 1/4W
 Type Allowance

2. Capacitor

Example:

ECKF1H103ZF $\underline{C}$ 0.01UF, $\underline{Z}$, 50V
 Type Allowance

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide	J : $\pm 5\%$
Metal Film	K : $\pm 10\%$
S : Solid	M : $\pm 20\%$
W : Wire Wound	

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
Polyprop	G : $\pm 3\text{pF}$
lene	J : $\pm 5\text{pF}$
T : Tantalum	K : $\pm 10\text{pF}$
	L : $\pm 15\text{pF}$
	M : $\pm 20\text{pF}$
	P : +100%, -0%
	Z : +80%, -20%

16.3. Electrical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F900, F901	K5D502BNA005	FUSE	2	⚠
F902	K5D312BLA016	FUSE	1	⚠
C802	EEUFC1E471	E 470UF 25V	1	
C803	EEUFC1E331	E 330UF 25V	1	
C805	EEUFC1C102	E 1000UF 16V	1	
C806	EEUFC1A102	E 1000UF 10V	1	
C807	ECJ2VF1H104Z	C 0.1UF Z 50V	1	
C808, 09	ECQB1H103JF	P 0.01UF J 50V	2	
C810	EEUFC1E561	E 560UF 25V	1	
C811	ECQB1H103JF	P 0.01UF J 50V	1	
C812	ECQB1H104JF	P 0.1UF J 50V	1	
C813	ECQB1H473JF	P 0.047UF J 50V	1	
C814	EEUFC0J152	E 1500UF 6.3V	1	
C815	ECQB1H104JF	P 0.1UF J 50V	1	
C816	ECQB1H682JF3	P 6800PF J 50V	1	
C817	ECA1EHG221	E 220UF 25V	1	
C818	EEUFC1C122	E 1200UF 16V	1	
C819	ECQB1H104JF	P 0.1UF J 50V	1	
C902, 03	ECKCNA101KB7	C 100PF M	2	⚠
C904	ECQU2A224BN9	P 0.22UF 250V	1	⚠
C905	ECQU2A105BN9	P 1UF 250V	1	⚠
C910	EETHC2W101J	C 4700PF Z 450V	1	
C911	ECQE6223KF	P 0.022UF K 400V	1	
C912	EEUEB1H100SB	E 100UF 25V	1	
C913	ECJ2XC1H221J	C 220PF J 50V	1	
C914	ECKD3D221KBN	C 220PF K 2KV	1	
C915	ECJ2XC1H471J	C 470PF J 50V	1	
C916	ECJ2VF1H103Z	C 0.01UF Z 50V	1	
C917	EEUEB1H100SB	E 100UF 25V	1	
C918	ECJ2XC1H222J	C 2200PF J 50V	1	
C919	ECJ2XF1H224Z	C 0.22UF Z 50V	1	
C920	ECKDNA471KB7	C 470PF Z	1	⚠
C930	EEUFC1E222	E 2200UF 25V	1	
C931	ECKD3A331KBP	C 330PF K 1KV	1	
C932	EEUEB1E101	E 100UF 25V	1	
C933	ECJ2FB1E105K	C 1UF K 16V	1	
C1530-34	ECJ3XB0J106M	C 10UF M 6.3V	5	
C2312	ECJ2VF1H103Z	C 0.01UF Z 50V	1	
C2313	ECA1HHG470	E 47UF 50V	1	
C2314	ECA1EHG470	E 47UF 25V	1	
C2350, 51	TCUY1C225KBM	C 2.2UF 16V	2	
C2352, 53	ECA1HHG100	E 10UF 50V	2	
C2354, 55	ECA1VM470	E 47UF 35V	2	
C2356, 57	ECJ2XB1H102K	C 1000PF K 50V	2	
C2358, 59	ECA1HM2R2	E 2.2UF 50V	2	
C2360, 61	ECJ2XC1H102J	C 1000PF J 50V	2	
C2362, 63	ECA1EM471	E 470UF 25V	2	
C2364, 65	ECQV1H104JM	P 0.1UF J 50V	2	
C2366, 67	ECQV1H225JM	P 2.2UF J 50V	2	
C2368, 69	ECQV1H104JM	P 0.1UF J 50V	2	
C2370	ECA1VM470	E 47UF 35V	1	
C2419	ECA1HHG100	E 10UF 50V	1	
C2423	ECJ2XB1H103K	C 0.01UF K 50V	1	
C2426	ECJ2XB1H153K	C 0.015UF K 50V	1	
C2427	ECA1HHG100	E 10UF 50V	1	
C2429	EEAGA1C101	E 100UF 16V	1	
C2431	ECJ2VF1H103Z	C 0.01UF Z 50V	1	
C2433	ECJ2XB1H393K	C 0.039UF K 50V	1	
C2434	ECJ2XB1H223K	C 0.022UF K 50V	1	
C2435	ECJ2XB1H103K	C 0.01UF K 50V	1	
C2436	ECJ3VB1C104K	C 0.10UF K 16V	1	
C2437, 38	EEAGA1C101	E 100UF 16V	2	
C2440, 41	ECJ3XF1C475Z	C 4.7UF Z 16V	2	
C2450	ECA1HHG100	E 10UF 50V	1	
C2451	ECA1HHG4R7	E 4.7UF 50V	1	
C2452	ECJ2XB1H562K	C 5600PF K 50V	1	
C2453	ECJ2VF1H104Z	C 0.1UF Z 50V	1	
C2454	ECA1HHG4R7	E 4.7UF 50V	1	
C2457	ECA1HHG4R7	E 4.7UF 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2458	ECJ2XC1H102J	C 1000PF J 50V	1	
C2459	ECJ3VB1C104K	C 0.10UF K 16V	1	
C2460	ECJ2XB1H473K	C 0.047UF K 50V	1	
C2461	ECJ2XC1H102J	C 1000PF J 50V	1	
C2463	ECJ2XB1H473K	C 0.047UF K 50V	1	
C2466, 67	ECJ3VB1C104K	C 0.10UF K 16V	2	
C3001	ECJ1VF1H103Z	C 0.01UF Z 50V	1	
C3002	ECJ3XF1C475Z	C 4.7UF Z 16V	1	(J)
C3002	ECJ2XB1E104K	C 0.1UF K 25V	1	BK/BS/EK/E S/UY (HB)
C3003	EEVHP1A100	E 10UF 10V	1	BK/BS/EK/E S/UY
C3004	EEHB1C470P	C 47PF J 16V	1	(J)
C3004	EEVHP1A100	E 10UF 10V	1	BK/BS/EK/E S/UY (HB)
C3005	ECJ2VF1C105Z	C 1UF Z 16V	1	(J)
C3005	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3006	ECJ2VF1C105Z	C 1UF Z 16V	1	(J)
C3006	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3007	EEHB1C470P	C 47PF J 16V	1	(J)
C3007	ECJ2VF1C105Z	C 1UF Z 16V	1	BK/BS/EK/E S/UY (HA)
C3007	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3008	ECJ1VF1H104Z	C 0.1UF Z 50V	1	(J)
C3008	ECJ2VF1C105Z	C 1UF Z 16V	1	BK/BS/EK/E S/UY (HA)
C3008	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3009	ECJ1XB1C104K	C 0.1UF Z 16V	1	(J)
C3009	EEVHB1C470	E 47UF 16V	1	BK/BS/EK/E S/UY (HB)
C3010	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C3011	ECJ1XB1C104K	C 0.1UF Z 16V	1	(J)
C3011	EEVHB1C470	E 47UF 16V	1	BK/BS/EK/E S/UY (HA)
C3011	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3012	ECJ1VF1H103Z	C 0.01UF Z 50V	1	(J)
C3012	ECJ2VF1C104Z	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HA)
C3012	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3013	ECJ1VF1H103Z	C 0.01UF Z 50V	1	(J)
C3013	ECJ2VF1C105Z	C 1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3014	ECJ1VF1H103Z	C 0.01UF Z 50V	1	(J)
C3014	EEVHB1C470	E 47UF 16V	1	BK/BS/EK/E S/UY (HB)
C3015	ECJ1VF1H103Z	C 0.01UF Z 50V	1	(J)
C3015	ECJ1XC1H470J	C 47PF J 50V	1	BK/BS/EK/E S/UY (HB)
C3016	ECJ1VF1H103Z	C 0.01UF Z 50V	1	(J)
C3016	ECJ1XC1H220J	C 22PF J 50V	1	BK/BS/EK/E S/UY (HB)
C3017	ECJ1VF1H103Z	C 0.01UF Z 50V	1	(J)
C3017	ECJ1XC1H680J	C 68PF J 50V	1	BK/BS/EK/E S/UY (HB)
C3018	EEHB1C470P	C 47PF J 16V	1	(J)
C3018	EEVHP1A100	E 10UF 10V	1	BK/BS/EK/E S/UY (HB)
C3019	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3019	ECJ3VB0J335K	C 33UF J 25V	1	BK/BS/EK/E S/UY (HB)
C3020	TCUY1C225KBM	C 2.2UF 16V	1	
C3021	TCUY1C225KBM	C 2.2UF 16V	1	(J)
C3021	ECJ1VF1A105Z	C 1UF Z 10V	1	BK/BS/EK/E S/UY (HA)
C3021	ECJ2VF1C105Z	C 1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3022	TCUY1C225KBM	C 2.2UF 16V	1	(J)
C3022	ECJ2VF1C104Z	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HA)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3022	ECJ1VF1A105Z	C 1UF Z 10V	1	BK/BS/EK/E S/UY (HB)
C3023	EEVHB1C470	E 47UF 16V	1	BK/BS/EK/E S/UY
C3024	ECJ3XB0J106M	C 10UF M 6.3V	1	BK/BS/EK/E S/UY
C3026-31	TCUY1C225KBM	C 2.2UF 16V	6	
C3032	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C3040, 41	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C3051-54	ECJ1XC1H561J	C 560PF J 50V	4	BK/BS/EK/E S/UY
C3055, 56	ECJ2VF1C105Z	C 1UF Z 16V	2	BK/BS/EK/E S/UY
C3101	TCUY1C225KBM	C 2.2UF 16V	1	
C3102	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3102	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3103	TCUY1C225KBM	C 2.2UF 16V	1	(J)
C3103	ECJ1VF1A105Z	C 1UF Z 10V	1	BK/BS/EK/E S/UY (HB)
C3104	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3104	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3105	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3105	EEVHB0G221	E 220UF 4V	1	BK/BS/EK/E S/UY (HB)
C3106	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3106	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3107	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3107	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3108	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3108	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3109	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3109	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3110	TCUY1C225KBM	C 2.2UF 16V	1	(J)
C3110	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3111	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3111	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3112	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3112	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3113	EEHBC1C470P	C 47PF J 16V	1	(J)
C3113	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3114	ECJ3XF1C475Z	C 4.7UF Z 16V	1	(J)
C3114	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3115	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3115	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3116	TCUY1C225KBM	C 2.2UF 16V	1	(J)
C3116	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3117	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3117	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3118	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3118	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3119	TCUY1C225KBM	C 2.2UF 16V	1	(J)
C3119	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3120	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3120	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3121	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3121	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3122	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3122	ECJ1VF1A105Z	C 1UF Z 10V	1	BK/BS/EK/E S/UY (HB)
C3123	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3123	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3124	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3124	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3125	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3125	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3126	TCUY1C225KBM	C 2.2UF 16V	1	(J)
C3126	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3127	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3127	ECJ2VF1C105Z	C 1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3128	EEHBC1C470P	C 47PF J 16V	1	(J)
C3128	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3129	ECJ3XF1C475Z	C 4.7UF Z 16V	1	(J)
C3129	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3130	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3130	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3131-33	ECJ1XB1C104K	C 0.1UF Z 16V	3	BK/BS/EK/E S/UY
C3134	EEVHB1C471	E 470UF 16V	1	(J)
C3134	ECJ1XB1C104K	C 0.1UF Z 16V	31	BK/BS/EK/E S/UY (HB)
C3135	EEVHB1C471	E 470UF 16V	1	(J)
C3135	ECJ1VB1C103K	C 0.01UF K 16V	1	BK/BS/EK/E S/UY (HB)
C3136	EEVHB1C471	E 470UF 16V	1	(J)
C3136	ECJ1XC1H330J	C 33PF J 50V	1	BK/BS/EK/E S/UY (HB)
C3137	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3138	ECJ3XB0J106M	C 10UF M 6.3V	1	BK/BS/EK/E S/UY
C3139	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3140	ECJ1XC1H101J	C 100PF J 50V	1	BK/BS/EK/E S/UY
C3141	TCUY1C225KBM	C 2.2UF 16V	1	(J)
C3141	ECJ1XB0J105K	C 1UF K 16V	1	BK/BS/EK/E S/UY (HB)
C3142	TCUY1C225KBM	C 2.2UF 16V	1	(J)
C3142	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3143	TCUY1C225KBM	C 2.2UF 16V	1	
C3144	TCUY1C225KBM	C 2.2UF 16V	1	(J)
C3144	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3146	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3147	ECJ3XB0J106M	C 10UF M 6.3V	1	BK/BS/EK/E S/UY
C3148	ECJ1XB0J105K	C 1UF K 16V	1	BK/BS/EK/E S/UY
C3149	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3150	ECJ1XF1C104Z	C 0.1UF Z 16V	1	(J)
C3150	ECJ1VB1C103K	C 0.01UF K 16V	1	BK/BS/EK/E S/UY (J)
C3151	ECJ1XC1H330J	C 33PF J 50V	1	BK/BS/EK/E S/UY
C3152	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3153	ECJ1XC1H101J	C 100PF J 50V	1	BK/BS/EK/E S/UY
C3154	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3156	ECJ1XB0J105K	C 1UF K 16V	1	BK/BS/EK/E S/UY
C3157	ECJ3XB0J106M	C 10UF M 6.3V	1	BK/BS/EK/E S/UY
C3158	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3159	EEVHB0G221	E 220UF 4V	1	BK/BS/EK/E S/UY

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3160, 61	ECJ1XB1C104K	C 0.1UF Z 16V	2	BK/BS/EK/E S/UY
C3162-66	ECJ1VF1A105Z	C 1UF Z 10V	5	BK/BS/EK/E S/UY
C3167-78	ECJ1XB1C104K	C 0.1UF Z 16V	12	BK/BS/EK/E S/UY
C3179	EEVHB0G221	E 220UF 4V	1	BK/BS/EK/E S/UY
C3180-83	ECJ1XB1C104K	C 0.1UF Z 16V	4	BK/BS/EK/E S/UY
C3185	ECJ1XC1H060D	C 6PF D 50V	1	BK/BS/EK/E S/UY
C3186	ECJ1XC1H470J	C 47PF J 50V	1	BK/BS/EK/E S/UY
C3188	ECJ1VF1A105Z	C 1UF Z 10V	1	BK/BS/EK/E S/UY
C3200	ECJ2VF1C105Z	C 1UF Z 16V	1	
C3202-06	ECJ1VF1A105Z	C 1UF Z 10V	5	BK/BS/EK/E S/UY
C3207	EEVHB0G221	E 220UF 4V	1	BK/BS/EK/E S/UY
C3208-14	ECJ1VF1A105Z	C 1UF Z 10V	7	BK/BS/EK/E S/UY
C3216, 17	ECJ1VF1A105Z	C 1UF Z 10V	2	BK/BS/EK/E S/UY
C3218	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3253	ECJ1XB1H102K	C 1000UF Z 50V	1	BK/BS/EK/E S/UY
C3254	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3255	ECJ1XB1H102K	C 1000UF Z 50V	1	BK/BS/EK/E S/UY
C3256	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3257	ECJ1XB1H102K	C 1000UF Z 50V	1	BK/BS/EK/E S/UY
C3258	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3259	ECJ1XB1H102K	C 1000UF Z 50V	1	BK/BS/EK/E S/UY
C3260	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3261	EEVHB0G221	E 220UF 4V	1	BK/BS/EK/E S/UY
C3262	ECJ1XB1H102K	C 1000UF Z 50V	1	BK/BS/EK/E S/UY
C3263, 64	ECJ1XB1C104K	C 0.1UF Z 16V	2	BK/BS/EK/E S/UY
C3265	EEVHB0G221	E 220UF 4V	1	BK/BS/EK/E S/UY
C3266	EEVHB1C471	E 470UF 16V	1	(J)
C3266	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY (HB)
C3267, 68	EEVHB1C471	E 470UF 16V	2	
C3301	ECJ1VF1A105Z	C 1UF Z 10V	1	BK/BS/EK/E S/UY
C3308	EEVHB0G221	E 220UF 4V	1	BK/BS/EK/E S/UY
C3309	ECJ1VF1A105Z	C 1UF Z 10V	1	BK/BS/EK/E S/UY
C3311	ECJ1XB1C104K	C 0.1UF Z 16V	1	BK/BS/EK/E S/UY
C3313	ECJ1VF1A105Z	C 1UF Z 10V	1	BK/BS/EK/E S/UY
C3316, 17	ECJ1VF1A105Z	C 1UF Z 10V	2	BK/BS/EK/E S/UY
C3318-21	ECJ1XB1C104K	C 0.1UF Z 16V	4	BK/BS/EK/E S/UY
C3322, 23	EEVHB0G221	E 220UF 4V	2	BK/BS/EK/E S/UY
C3324	EEVHB0J101P	E 100UF 6.3V	1	BK/BS/EK/E S/UY
C3325	EEVHB1C470	E 47UF 16V	1	BK/BS/EK/E S/UY
C3327-30	ECJ1XB1C104K	C 0.1UF Z 16V	4	BK/BS/EK/E S/UY
C3404	ECJ2VF1C104Z	C 0.1UF Z 16V	1	
C3405	EEVHB1C470	E 47UF 16V	1	
C3409	ECJ2VF1C104Z	C 0.1UF Z 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3523	EEVHB1C470	E 47UF 16V	1	
C3524	ECJ2VF1H103Z	C 0.01UF Z 50V	1	
C3550	ECJ2VF1H103Z	C 0.01UF Z 50V	1	
C3551	EEVHB1C470	E 47UF 16V	1	
C3561, 62	ECJ2VF1C105Z	C 1UF Z 16V	2	
C8001	EEHB1C470P	C 47PF J 16V	1	(J)
C8001	ECKF1H102KB	C 1000PF K 50V	2	(H3)
C8002	ECKF1H102KB	C 1000PF K 50V	2	
C8003, 04	ECJ1VF1H104Z	C 0.1UF Z 50V	2	
C8005, 06	ECJ1VF1H103Z	C 0.01UF Z 50V	2	
C8007, 08	ECJ1XC1H101J	C 100PF J 50V	2	
C8009	ECJ3XB0J106M	C 10UF M 6.3V	1	
C8011	ECJ3XB0J106M	C 10UF M 6.3V	1	
C8013, 14	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C8015	ECJ3YF1A106Z	C 10UF Z 10V	1	
C8016	ECJ3YB1A475K	C 0.047UF K 10V	1	
C8017	ECJ3YF1A106Z	C 10UF Z 10V	1	
C8018	ECJ3YB1A475K	C 0.047UF K 10V	1	
C8019, 20	ECJ1VB1H103K	C 0.01UF K 50V	2	
C8021, 22	ECJ3VB1C474K	C 0.47UF K 16V	2	
C8023-26	ECJ1VB1H103K	C 0.01UF K 50V	4	
C8027	TCUY1C225KBM	C 2.2UF 16V	1	
C8029	ECJ1VF1H103Z	C 0.01UF Z 50V	1	
C8030	EEHB1C470P	C 47PF J 16V	1	
C8031	ECJ1VF1H103Z	C 0.01UF Z 50V	1	
C8032	EEHB1C470P	C 47PF J 16V	1	
C8033, 34	ECJ1XC1H102J	C 1000PF J 50V	2	
C8035	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C8036, 37	ECJ1XC1H101J	C 100PF J 50V	2	
C8038, 39	ECJ2XC1H102J	C 1000PF J 50V	2	
C8041	TCUY1C225KBM	C 2.2UF 16V	1	
C8043	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C8045	ECJ2VF1C105Z	C 1UF Z 16V	1	
C8049, 50	ECJ2VF1H103Z	C 0.01UF Z 50V	2	
C8051	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C8070	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C8071	EEHB1C470P	C 47PF J 16V	1	
C8072, 73	ECJ3YF1A106Z	C 10UF Z 10V	2	
C8080-83	ECJ1XF1C104Z	C 0.1UF Z 16V	4	
C8084	TCUY1C105ZFN	C 1UF 16V	1	
C8100	EEHB1C470P	C 47PF J 16V	1	
C8101	ECJ1VF1H103Z	C 0.01UF Z 50V	1	
C8102-07	EEHB1C470P	C 47PF J 16V	6	
C8108, 09	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C8110	ECJ1VF1H103Z	C 0.01UF Z 50V	1	
C8111-13	ECJ1XF1C104Z	C 0.1UF Z 16V	3	
C8114	ECJ2VF1H103Z	C 0.01UF Z 50V	1	
C8115	EEHB1C470P	C 47PF J 16V	1	
C8116, 17	ECJ1VF1H103Z	C 0.01UF Z 50V	2	
C8118	EEHB1C470P	C 47PF J 16V	1	
C8119	ECJ1VF1H103Z	C 0.01UF Z 50V	1	
C8120	EEHB1C470P	C 47PF J 16V	1	
C8121	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C8122	EEHB1C470P	C 47PF J 16V	1	
C8123	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C8181, 82	ECJ1XC1H150J	C 15PF J 50V	2	
C8183	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C8185	EECS5R5H155	E 1.5UF 5.5V	1	
C8200	EEHB1C470P	C 47PF J 16V	1	
C9000, 01	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C9002	ECJ1XC1H101J	C 100PF J 50V	1	
C9003	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9005	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C901	ECQU2A105BN9	P 1UF 250V	1	△
C9015, 16	ECJ1XB1C104K	C 0.1UF Z 16V	2	
C9018	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9019	ECJ1XF1H102Z	C 1000PF Z 50V	1	
C9020	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9021	ECJ1XB1H102K	C 1000UF Z 50V	1	
C9022	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9024	EEHB1C470P	C 47PF J 16V	1	
C9025, 26	ECJ1XB1C104K	C 0.1UF Z 16V	2	
C9028	ECJ1XB1C104K	C 0.1UF Z 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9029	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9030	ECJ3XF1C475Z	C 4.7UF Z 16V	1	
C9031	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9033, 34	ECJ1XB1C104K	C 0.1UF Z 16V	2	
C9035	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9036	ECJ1XC1H220J	C 22PF J 50V	1	
C9037	ECJ1VC1H270J	C 27PF J 50V	1	
C9038, 39	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C9041	ECJ1XF1H102Z	C 1000PF Z 50V	1	
C9043, 44	ECJ1XB1C104K	C 0.1UF Z 16V	2	
C9045	TCUY1C105ZFN	C 1UF 16V	1	
C9046	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9047	ECJ1XC1H101J	C 100PF J 50V	1	
C9048	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9049	ECJ3XF1C475Z	C 4.7UF Z 16V	1	
C9050	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9051	TCUY1C105ZFN	C 1UF 16V	1	
C9052	ECJ2XB1A105K	C 1UF K 10V	1	
C9053	ECJ1VF1H103Z	C 0.01UF Z 50V	1	
C9054	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C906, 07	ECKCNA221KB7	C 220PF M	2	△
C9200	ECJ3XB0J106M	C 10UF M 6.3V	1	
C9201	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9202	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9203	ECJ3XB0J106M	C 10UF M 6.3V	1	
C9204, 05	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C9206	EEHNB0G221P	C 220PF J 4V	1	
C9207-09	ECJ3XB0J106M	C 10UF M 6.3V	3	
C9210-13	ECJ1XB1C104K	C 0.1UF Z 16V	4	
C9215, 16	ECJ1XB1C104K	C 0.1UF Z 16V	2	
C9219	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9220	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9222	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9226	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9227	ECJ3XB0J106M	C 10UF M 6.3V	1	
C9228	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9229, 30	ECJ3XB0J106M	C 10UF M 6.3V	2	
C9231, 32	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C9233, 34	ECJ1XB1C104K	C 0.1UF Z 16V	2	
C9235	ECJ3XB0J106M	C 10UF M 6.3V	1	
C9236	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9237, 38	ECJ3XB0J106M	C 10UF M 6.3V	2	
C9239, 40	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C9241	ECJ2XB1H103K	C 0.01UF K 50V	1	
C9242	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9243, 44	ECJ2XB1H103K	C 0.01UF K 50V	2	
C9245	ECJ1XB1H102K	C 1000UF Z 50V	1	
C9246-48	ECJ1XF1C104Z	C 0.1UF Z 16V	3	
C9249	ECJ1VB1C823K	C 0.082UF K 16V	1	
C9250	ECJ1VB1H822K	C 8200PF K 50V	1	
C9253-55	ECJ1XF1C104Z	C 0.1UF Z 16V	3	
C9258, 59	EEHNB1C470P	C 47PF J 16V	2	
C9260, 61	ECJ3XF1C475Z	C 4.7UF Z 16V	2	
C9263	ECJ1VF1H103Z	C 0.01UF Z 50V	1	
C9264, 65	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C9266	F2H1E221A007	E 2.2UF 25V	1	
C9268	ECGRL0G680R	C 68PF J 4V	1	
C9269	F2H1E221A007	E 2.2UF 25V	1	
C9271	EEHNB0G221P	C 220PF J 4V	1	
C9275	ECJ2XB1H472K	C 4700PF K 50V	1	
C9276	ECJ3XF1C475Z	C 4.7UF Z 16V	1	
C9279	F2H1E221A007	E 2.2UF 25V	1	
C9282	F2H1E221A007	E 2.2UF 25V	1	
C9284	ECJ2XB1H472K	C 4700PF K 50V	1	
C9286	EEHNB1C470P	C 47PF J 16V	1	
C9287	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9288	EEHNB1C470P	C 47PF J 16V	1	
C9290	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9292	EEHNB0G221P	C 220PF J 4V	1	
C9293	ECGRL0G680R	C 68PF J 4V	1	
C9294	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9296	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9299	ECJ3XF1C475Z	C 4.7UF Z 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9361	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9363-65	ECJ1XF1C104Z	C 0.1UF Z 16V	3	
C9366-68	EEHNB1C470P	C 47PF J 16V	3	
C9369-71	ECJ1XF1C104Z	C 0.1UF Z 16V	3	
C9372	ECJ3XB0J106M	C 10UF M 6.3V	1	
C9373	ECGRL0G680R	C 68PF J 4V	1	
C9374	ECJ3XB0J106M	C 10UF M 6.3V	1	
C9400	ECJ1VB1H103K	C 0.01UF K 50V	1	
C9401	EEHNB0G101R	C 100PF J 4V	1	
C9402	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9405-08	ECJ1VB1H103K	C 0.01UF K 50V	4	
C9409	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9416, 17	ECJ1VB1H103K	C 0.01UF K 50V	2	
C9418	EEHNB1C470P	C 47PF J 16V	1	
C9419	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9423	EEHNB1C470P	C 47PF J 16V	1	
C9424	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9425	EEHNB1C100R	C 10PF J 16V	1	
C9426, 27	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C9429	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9431	ECJ1XB0J105K	C 1UF K 16V	1	
C9432	ECJ1VB0J474K	C 0.47UF K 16V	1	
C9440	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9441	ECJ1XB1H102K	C 1000UF Z 50V	1	
C9443	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9444	ECJ2XB1A105K	C 1UF K 10V	1	
C9445, 46	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C9500, 01	ECJ1XC1H180J	C 18PF J 50V	2	
C9503-49	ECJ1XF1C104Z	C 0.1UF Z 16V	47	
C9551	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9553	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9555	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9557-59	ECJ1XB1C104K	C 0.1UF Z 16V	3	
C9560	EEHNB0G221P	C 220PF J 4V	1	
C9561-72	ECJ1XB1C104K	C 0.1UF Z 16V	12	
C9573	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9575	ECJ3XF1C475Z	C 4.7UF Z 16V	1	
C9576-78	ECJ1XB1C104K	C 0.1UF Z 16V	3	
C9579	EEHNB0G221P	C 220PF J 4V	1	
C9701-05	ECJ1XF1C104Z	C 0.1UF Z 16V	5	
C9707	ECJ3XF1C475Z	C 4.7UF Z 16V	1	
C9708	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9711-13	ECJ1XF1C104Z	C 0.1UF Z 16V	3	
C9715-18	ECJ1XF1C104Z	C 0.1UF Z 16V	4	
C9721-36	ECJ1XF1C104Z	C 0.1UF Z 16V	16	
C9850	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9860	ECJ3XB0J106M	C 10UF M 6.3V	1	
C9861	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9862	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9863	ECJ3XB0J106M	C 10UF M 6.3V	1	
C9864, 65	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C9866	EEHNB0G221P	C 220PF J 4V	1	
C9867-69	ECJ3XB0J106M	C 10UF M 6.3V	3	
C9870-73	ECJ1XB1C104K	C 0.1UF Z 16V	4	
C9875, 76	ECJ1XB1C104K	C 0.1UF Z 16V	2	
C9879	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9880	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9882	ECJ1XB1C104K	C 0.1UF Z 16V	1	
C9886	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9894	ECJ3XB0J106M	C 10UF M 6.3V	1	
C9895	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9905, 06	ECJ3XB0J106M	C 10UF M 6.3V	2	
C9907, 08	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C9909, 10	ECJ1XB1C104K	C 0.1UF Z 16V	2	
C9911, 12	ECJ3XB0J106M	C 10UF M 6.3V	2	
C9913, 14	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C9915	ECJ2XB1H103K	C 0.01UF K 50V	1	
C9916	ECJ1XF1C104Z	C 0.1UF Z 16V	1	
C9917, 18	ECJ2XB1H103K	C 0.01UF K 50V	2	
C9919	ECJ1XB1H102K	C 1000UF Z 50V	1	
C9920, 21	ECJ1XF1C104Z	C 0.1UF Z 16V	2	
C9922	ECJ3XB0J106M	C 10UF M 6.3V	1	
C9923, 24	ECJ1XF1C104Z	C 0.1UF Z 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9925	ECJ1VB1C823K	C 0.082UF K 16V	1	
C9926	ECJ1VB1H822K	C 8200PF K 50V	1	
C9929-31	ECJ1XF1C104Z	C 0.1UF Z 16V	3	
D1	K1KA20AA0009	20P CONNECTOR	1	
D3	K1KA30AA0009	30P CONNECTOR	1	
D4	K1KA14A00248	14P CONNECTOR	1	
D5	K1KA30AA0250	30P CONNECTOR	1	
D10	K1KA12AA0105	12P CONNECTOR	1	
D20	K1KA30AA0250	30P CONNECTOR	1	
D24	K1KA06AA0104	6P CONNECTOR	1	
D25	K1KA12AA0153	12P CONNECTOR	1	
D27	K1KA09AA0150	9P CONNECTOR	1	
D34	K1KA10AA0105	10P CONNECTOR	1	
D40	K1KA07A00189	7P CONNECTOR	1	
D41	K1KA08A00463	8P CONNECTOR	1	
D802, 03	M1FS4	DIODE	2	
D804	B0JCPD000010	DIODE	1	
D806, 07	B0BC6R8A0010	DIODE	2	
D808	M1FS4	DIODE	1	
D810-13	MA152K	DIODE	4	
D910	D4SB80Z	DIODE	1	⚠
D911	B0EAKT000017	DIODE	1	
D912-14	B0HCMM000013	DIODE	3	
D915, 16	TMPG10G3	DIODE	2	⚠
D918	TMPG10G3	DIODE	1	⚠
D930	B0HARM000020	DIODE	1	
D931	LNJ301MPUJA	LED	1	
D932	MA152K	DIODE	1	
D933	M1FS4	DIODE	1	
D934, 35	ERZV10V621P2	VARISTOR	2	⚠
D1550	LNJ107W5PRW	LED	1	
D1551-54	MA8056-M	DIODE	4	
D2301, 02	M1FS4	DIODE	2	
D2308	MA152	DIODE	1	
D2317	M1FS4	DIODE	1	
D3001	MA111	DIODE	1	(J)
D3001	MA729	DIODE	1	BK/BS/EK/E S/UY (HB)
D3002	MA3100M	ZENER DIODE	1	BK/BS/EK/E S/UY
D3003	MA111	DIODE	1	
D3005	LNJ206R5ARA	LED	1	
D3007, 08	MA111	DIODE	2	
D3021	MA111	DIODE	1	
D3024	MA111	DIODE	1	
D3061	MA728	DIODE	1	
D3501-04	MA3056M	ZENER DIODE	4	
D3507-10	MA8160H	ZENER DIODE	4	
D8001-04	MA111	DIODE	4	
D8010, 11	MA153	DIODE	2	
D8180	MA111	DIODE	1	
D8200	MA3150M	ZENER DIODE	1	
D8201	MA111	DIODE	1	
D8203	MA3100M	ZENER DIODE	1	
D8204	MA111	DIODE	1	
D9010	MA728	DIODE	1	
D9011, 12	MA152K	DIODE	2	
D9014	MA152K	DIODE	1	
D9016	MA728	DIODE	1	
D9021	MA3033	ZENER DIODE	1	
D9023-26	MA152K	DIODE	4	
D9200	MA3033	ZENER DIODE	1	
D9201, 02	B0JCPD000026	DIODE	2	
D9251	MA728	DIODE	1	
D9860	MA3033	ZENER DIODE	1	
F900-1, - 2	EYF-52BC	FUSE HOLDER	2	
F901-1, - 2	EYF-52BC	FUSE HOLDER	2	
F902-1, - 2	EYF-52BC	FUSE HOLDER	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
FL3000	ELKE103FA	NOISE FILTER	1	
FL3002-10	ELKE103FA	NOISE FILTER	9	
FL3100	ELKE103FA	NOISE FILTER	1	
FL9000, 01	J0HABH000012	LC FILTER	2	
FL9200-08	J0HABH000012	LC FILTER	9	
FL9214	J0HABH000012	LC FILTER	1	
FL9400-02	J0JAD0000025	CHIP INDUCTOR	3	
FL9403, 04	J0HABH000012	LC FILTER	2	
FL9500-03	J0HABH000012	LC FILTER	4	
FL9850, 51	J0MAB0000175	LC FILTER	2	
FL9860-62	J0HABH000012	LC FILTER	3	
H0	K1KA08A00293	8P CONNECTOR	1	BK/BS/EK/E S/UY
H1	K1KA80B00037	80P CONNECTOR	1	BK/BS/EK/E S/UY (HA)
H1	K1KA80B00037	80P CONNECTOR	1	BK/BS/EK/E S/UY (HB)
H37	TJS3A9640	3P CONNECTOR	2	
HX1	K1KB22A00036	22P CONNECTOR	1	
IC801	C0DAAHG00008	IC	1	
IC802	C0DAAHG00007	IC	1	
IC803	C0DBALH00002	IC	1	
IC804	C0DAAZG00006	IC	1	
IC910	C5HABZZ00121	IC	1	
IC930	AN1431M	LINEAR IC	1	
IC2301, 02	LA4901	IC	2	
IC2304	PQ09SZ1T	IC	1	
IC2401	BH3865S	LINEAR IC	1	
IC3001	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	(J)
IC3001	TC4W53FEL	IC	1	BK/BS/EK/E S/UY (HB)
IC3002	C0JBRR000002	IC	1	(J)
IC3002	S-24C16ADP	ROM IC (EEPROM 16KBIT)	1	BK/BS/EK/E S/UY (HB)
IC3002	C0ABGB000001	IC	1	BK/BS/EK/E S/UY (HB)
IC3003	CXA1315M	LINEAR IC	1	(J)
IC3003	C0ABGB000001	IC	1	BK/BS/EK/E S/UY (HB)
IC3004	CXA1875AM	LINEAR IC	1	
IC3005	C1AB00001139	IC	1	
IC3006	CXA1315M	LINEAR IC	1	
IC3007	AHC2G66HDCTR	INTEGRATED CIRCUIT	1	
IC3101	C1AB00002238	IC	1	(J)
IC3101	PQ07VZ012ZP	IC	1	BK/BS/EK/E S/UY (HB)
IC3102	C1AB00002238	IC	1	(J)
IC3102	C0DBZLB00001	IC	1	BK/BS/EK/E S/UY (HB)
IC3103	C1AB00001826	IC	1	BK/BS/EK/E S/UY
IC3104	PST9128NR	IC (LOGIC)	1	BK/BS/EK/E S/UY
IC3105	C0JBAZ001834	IC	1	BK/BS/EK/E S/UY
IC3108, 09	AN78L05M	LINEAR IC	2	
IC3150	C0JBAA000419	IC	1	
IC3201	C3HBKZ000002	IC	1	BK/BS/EK/E S/UY
IC3251	C0ZBZ0000967	IC	1	BK/BS/EK/E S/UY
IC3301	MM1065ZMR	LINEAR IC	1	BK/BS/EK/E S/UY
IC3302	PQ07VZ012ZP	IC	1	BK/BS/EK/E S/UY
IC3303	AN80L25RMS	IC	1	BK/BS/EK/E S/UY
IC3304	C0JBAZ002344	IC	1	BK/BS/EK/E S/UY

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC3305	JLC1562BFEL	IC	1	BK/BS/EK/E S/UY
IC3502	TVRN481	IC	1	
IC3699	C3EBG000065	IC	1	BK/BS/EK/E S/UY
IC8000	PQ12SZ1T	IC	1	
IC8001, 02	MC14052BF	MOS IC (CMOS GATE ARRLY)	2	
IC8003, 04	M52346SP	LINEAR IC	2	
IC8005	TC74HC14AF	IC	1	
IC8007, 08	TC4W53FEL	IC	2	
IC8009	AHC2G66HDCR	INTEGRATED CIRCUIT	1	
IC8014	C0ZBZ0000911	IC	1	
IC8016	C0JBAZ001934	IC	1	
IC8101	PQ09SZ1T	IC	1	
IC8181	C1DB00001208	IC	1	
IC9000	C0JBAS000215	IC	1	
IC9001	AHC2G66HDCR	INTEGRATED CIRCUIT	1	
IC9002	C0JBAE000354	IC	1	
IC9003	MN102H90MTZ1	IC	1	
IC9004	TVRN479	IC	1	
IC9005	C0EBE0000447	IC	1	
IC9006	TVRN442	IC	1	
IC9007	C0JBAE000354	IC	1	
IC9200, 01	C0JBAZ001992	IC	2	
IC9202	C0CBCBD00008	IC	1	
IC9203	C0ZBZ0000850	IC	1	
IC9204	C0JBAB000703	IC	1	
IC9205	AHC2G66HDCR	INTEGRATED CIRCUIT	1	
IC9206, 07	C0CBCBD00008	IC	2	
IC9208	C0FBAD000102	IC	1	
IC9209, 10	C0DBAMH00014	IC	2	
IC9212-14	PQ07VZ0122P	IC	3	
IC9400	C0JBCZ000485	IC	1	
IC9410	C0JBAA000355	IC	1	
IC9411	C0JBAE000331	IC	1	
IC9412	C0JBAF000543	MOS IC	1	
IC9413	C0ABBA000134	IC	1	
IC9414	C0JBAM000129	IC	1	
IC9415	C0JBAS000226	MOS IC	1	
IC9416	C0JBAB000174	MOS IC (CMOS S/LOGIC)	1	
IC9500	C1ZBZ0002775	IC	1	
IC9501	MN845110-A	IC	1	
IC9505	C3ABQJ000031	IC	1	
IC9506	TVRN443	IC	1	
IC9701	C1ZBZ0002625	IC	1	
IC9703	PST9128NR	IC (LOGIC)	1	
IC9704	C0ZBZ0000764	IC	1	
IC9850	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	
IC9860, 61	C0JBAZ001992	IC	2	
IC9862	C0CBCBD00008	IC	1	
IC9863	C0ZBZ0000850	IC	1	
IC9864	C0JBAB000703	IC	1	
IC9865	AHC2G66HDCR	INTEGRATED CIRCUIT	1	
IC9867, 68	C0CBCBD00008	IC	2	
IC9869	C0FBAD000102	IC	1	
J1	K1KA20AA0009	20P CONNECTOR	1	
J3	K1KA30AA0009	30P CONNECTOR	1	
J5	K1KB31B00004	31P CONNECTOR	1	
J6	K1KA21BA0180	21P CONNECTOR	1	
J8	K1KA20AA0008	20P CONNECTOR	1	
J10	K1KA06A00183	6P CONNECTOR	1	
J11, 12	K1KB80B00024	80P CONNECTOR	2	
J14	K1KA22A00067	22P CONNECTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JK3001	K1QBB3BB0002	CONNECTOR	1	BK/BS/EK/E S/UY (HA)
JK3001	K1CB106B0027	CONNECTOR	1	BK/BS/EK/E S/UY (HB)
JK3002	K2HA204B0097	JACK	1	BK/BS/EK/E S/UY (HA)
JK3002 02	K1QBB2AB0005	CONNECTOR	1	BK/BS/EK/E S/UY (HB)
JK3004	K2HA204B0097	JACK	1	BK/BS/EK/E S/UY
JK3509	K1FB109BA018	CONNECTOR	1	
JK3511	K1FB115B0034	CONNECTOR	1	
JK3513	K2HC103B0105	JACK	1	
JK8500	K4BC02B00013	TERMINAL	2	
JS2301	ERJ6GEY0R00	M 0 OHM 1/10W	1	
JS3001-08	TSK1032	BEAD CHOKE	8	BK/BS/EK/E S/UY
JS3011-16	TSK1032	BEAD CHOKE	6	BK/BS/EK/E S/UY
JS3301-06	TSK1032	BEAD CHOKE	6	BK/BS/EK/E S/UY
JS3308-10	TSK1032	BEAD CHOKE	3	BK/BS/EK/E S/UY
JS8094-97	TSK1032	BEAD CHOKE	4	
L801	G1C101ZA0037	INDUCTION COIL	1	
L802	G1C121ZA0037	INDUCTION COIL	1	
L803	G1C680ZA0037	INDUCTION COIL	1	
L804	G0C101K00023	PEAKING COIL	1	
L805	TALFP15B221K	INDUCTION COIL	1	
L912	EXCELSA24	BEAD CHOKE	1	
L930	G0A100GA0013	CHOKE COIL	1	
L2306	ELJPA100KB	CHIP INDUCTOR	1	
L2330, 31	G0A221ZA0038	CHOKE COIL	2	
L3001	J0HABB000004	LC FILTER	1	BK/BS/EK/E S/UY (HA)
L3001	J0HABB000003	LC FILTER	1	BK/BS/EK/E S/UY (HB)
L3002	G1C100K00020	INDUCTION COIL	1	(J)
L3002	J0HABB000004	LC FILTER	1	BK/BS/EK/E S/UY (HA)
L3002	J0HABB000004	LC FILTER	1	BK/BS/EK/E S/UY (HB)
L3003	G1C100K00020	INDUCTION COIL	1	(J)
L3003	J0HABB000004	LC FILTER	1	BK/BS/EK/E S/UY (HA)
L3003	J0HABB000004	LC FILTER	1	BK/BS/EK/E S/UY (HB)
L3004	J0HABB000003	LC FILTER	1	BK/BS/EK/E S/UY
L3005	G1C100K00020	INDUCTION COIL	1	(J)
L3005	J0HABB000003	LC FILTER	1	BK/BS/EK/E S/UY (HA)
L3005	TSK1032	BEAD CHOKE	1	BK/BS/EK/E S/UY (HB)
L3006	G1C100K00020	INDUCTION COIL	1	(J)
L3006	ELJPA100KB	CHIP INDUCTOR	1	BK/BS/EK/E S/UY (HA)
L3006	J0E8004B0008	LC FILTER	1	BK/BS/EK/E S/UY (HB)
L3007	G1C2R2K00006	INDUCTION COIL	1	BK/BS/EK/E S/UY
L3050	G1C100K00020	INDUCTION COIL	1	
L3051, 52	ELJNA1R5JF	COIL	2	BK/BS/EK/E S/UY
L3102-04	ELJPA100KB	CHIP INDUCTOR	3	BK/BS/EK/E S/UY
L3201	ELJPA100KB	CHIP INDUCTOR	1	BK/BS/EK/E S/UY
L3251, 52	ELJPA2R2MF	CHIP INDUCTOR	2	BK/BS/EK/E S/UY
L3305-08	ELKE103FA	NOISE FILTER	4	BK/BS/EK/E S/UY
L3507-09	J0HABB000004	LC FILTER	3	
L3510-17	TLK212T256AL	EMI FILTER	8	
L3526	ELJPA100KB	CHIP INDUCTOR	1	
L3555	ELJPA100KB	CHIP INDUCTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L8001	G1C100K00020	INDUCTION COIL	1	
L8003-05	G1C100K00020	INDUCTION COIL	3	
L8181	G1C100K00020	INDUCTION COIL	1	
L8501	G0A2R5H00003	CHOKE COIL	1	
L8502	G0A2R5H00003	CHOKE COIL	1	
L8502 02	G0A2R5H00003	CHOKE COIL	1	
L9200	G1C150MA0078	INDUCTION COIL	1	
L9202	G1C220M00029	INDUCTOR COIL	1	
L9400	J0JGC0000021	CHIP INDUCTOR COIL	1	
L9402	J0JHC0000031	CHIP INDUCTOR	1	
L9405-10	J0JHC0000078	CHIP INDUCTOR	6	
LF901-03	G0B852H00001	CHOKE COIL	3	△
PA9401	ERBFE5R00U	FUSE	1	
PC920	B3PAA0000261	IC	1	△
PF1	K1KA03A00537	3P CONNECTOR	1	
PF9	K1KA03A00537	3P CONNECTOR	1	
PF10	K1KA06A00452	6P CONNECTOR	1	
Q801	2SD601A	TRANSISTOR	1	
Q930	2SC3311A	TRANSISTOR	1	
Q1540	2SD601A	TRANSISTOR	1	
Q2303	2SD601A	TRANSISTOR	1	
Q2305, 06	2SD601A	TRANSISTOR	2	
Q2330, 31	2SD1266A	TRANSISTOR	2	
Q2333, 34	2SD601A	TRANSISTOR	2	
Q2370	2SB709A	TRANSISTOR	1	
Q2406	2SD601A	TRANSISTOR	1	
Q3001	2SB709A	TRANSISTOR	1	(J)
Q3001	2SD601A	TRANSISTOR	1	BK/BS/EK/E S/UY (HA)
Q3001	2SD601A	TRANSISTOR	1	BK/BS/EK/E S/UY (HB)
Q3002	2SD601A	TRANSISTOR	1	(J)
Q3002	2SD601A	TRANSISTOR	1	BK/BS/EK/E S/UY (HA)
Q3002	2SD601A	TRANSISTOR	1	BK/BS/EK/E S/UY (HB)
Q3003	2SD601A	TRANSISTOR	1	
Q3004	2SD601A	TRANSISTOR	1	
Q3005	2SD601A	TRANSISTOR	1	BK/BS/EK/E S/UY
Q3006, 07	2SB709A	TRANSISTOR	2	BK/BS/EK/E S/UY
Q3023	2SD601A	TRANSISTOR	1	BK/BS/EK/E S/UY
Q3051, 52	2SD601A	TRANSISTOR	2	BK/BS/EK/E S/UY
Q3101	2SD601A	TRANSISTOR	1	(J)
Q3101	2SB709A	TRANSISTOR	1	BK/BS/EK/E S/UY (HB)
Q3102	2SD601A	TRANSISTOR	1	(J)
Q3102	2SD1030	TRANSISTOR	1	BK/BS/EK/E S/UY (HB)
Q3103	2SD601A	TRANSISTOR	1	
Q3104	2SD601A	TRANSISTOR	1	(J)
Q3104	2SD1030	TRANSISTOR	1	BK/BS/EK/E S/UY (HB)
Q3105, 06	2SD601A	TRANSISTOR	2	
Q3531, 32	2SD601A	TRANSISTOR	2	
Q8001, 02	2SD601A	TRANSISTOR	2	
Q8010	2SD601A	TRANSISTOR	1	
Q8011	2SB709A	TRANSISTOR	1	
Q8012	2SD601A	TRANSISTOR	1	
Q8013	2SB709A	TRANSISTOR	1	
Q8018, 19	2SD601A	TRANSISTOR	2	
Q8181, 82	2SK2731T146	TRANSISTOR	2	
Q8200-02	2SD601A	TRANSISTOR	3	
Q9000-02	2SK2731T146	TRANSISTOR	3	
Q9003, 04	2SD601A-R	TRANSISTOR	2	
Q9006-09	2SD601A-R	TRANSISTOR	4	
Q9010	2SB709A-R	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q9011	2SD601A-R	TRANSISTOR	1	
Q9012	2SB709A-R	TRANSISTOR	1	
Q9013	2SD601A-R	TRANSISTOR	1	
Q9015	2SD601A-R	TRANSISTOR	1	
Q9016	2SB709A-R	TRANSISTOR	1	
Q9017, 18	2SD601A-R	TRANSISTOR	2	
Q9019	2SK2731T146	TRANSISTOR	1	
Q9305-07	2SD601A-R	TRANSISTOR	3	
Q9350, 51	2SD601A-R	TRANSISTOR	2	
Q9360	2SD601A	TRANSISTOR	1	
Q9401	2SD601A-R	TRANSISTOR	1	
Q9404	B1DDED000005	TRANSISTOR	1	
Q9407-10	2SK2731T146	TRANSISTOR	4	
Q9901	2SD601A	TRANSISTOR	1	
R34	K1KA07B00041	7P CONNECTOR	1	
R803	ERJ6ENF1001	M 1KOHM 1/10W	1	
R805	ERJ6ENF1001	M 1KOHM 1/10W	1	
R808	ERJ6GEYJ470	M 47 OHM J 1/10W	1	
R809	ERJ6ENF1201	M 1.2KOHM 1/10W	1	
R810	ERJ6ENF5100	M 510 OHM 1/10W	1	
R811	ERJ6ENF8200	M 820 OHM 1/10W	1	
R812	ERJ6ENF5101	M 5.1KOHM 1/10W	1	
R813	ERJ6ENF4701	M 4.7KOHM 1/10W	1	
R814	ERJ6GEYJ332	M 3.3KOHM J 1/10W	1	
R815	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R816	ERJ6GEYJ471	M 470 OHM J 1/10W	1	
R817-20	ERJ6GEYJ122	M 1.2KOHM J 1/10W	4	
R825	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R831	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R914	ERG2FJS100D	M 10 OHM J 2W	1	
R915	ERG1FJS104D	M 100KOHM J 1W	1	
R918	ERX12SJR82	M0.82 OHM J 1/2W	1	
R919	ERX12SJ1R0	M 0.1 OHM J 1/2W	1	
R920	ERDS1FJ331	C 330 OHM J 1/2W	1	
R921	ERDS1FJ150	C 15 OHM J 1/2W	1	
R923	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R925	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R927	ERJ6GEYJ683	M 68KOHM J 1/10W	1	
R930	ERJ6GEYJ681	M 680 OHM J 1/10W	1	
R931	ERJ6GEYJ471	M 470 OHM J 1/10W	1	
R932	ERJ6ENF2402	M 24KOHM 1/10W	1	
R933	ERJ6ENF1002	M 10KOHM 1/10W	1	
R934	ERJ6ENF2202	M 2.2KOHM 1/10W	1	
R935	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R936	ERJ6GEYJ682	M 6.8KOHM J 1/10W	1	
R937	ERJ6GEYJ683	M 68KOHM J 1/10W	1	
R938-42	ERJ6GEYJ682	M 6.8KOHM J 1/10W	5	
R1500	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R1510	ERJ3EKF2201	M 2.2KOHM 1/16W	1	
R1511	ERJ3EKF3001	M 3KOHM 1/16W	1	
R1512	ERJ3EKF4701	M 4.7KOHM 1/16W	1	
R1513	ERJ3EKF8201	M 8.2KOHM 1/16W	1	
R1550	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R1551	ERJ6GEYJ470	M 47 OHM J 1/10W	1	
R1552	ERJ6GEYJ224	M 220KOHM J 1/10W	1	
R1553	ERJ6GEYJ471	M 470 OHM J 1/10W	1	
R1554	ERJ6GEYJ271	M 270 OHM J 1/10W	1	
R1555, 56	ERJ3GEYJ470	M 47 OHM J 1/16W	2	
R2301	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2304	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R2305, 06	ERJ6GEYJ223	M 22KOHM J 1/10W	2	
R2309	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2310	ERJ6GEYJ562	M 5.6KOHM J 1/10W	1	
R2332	ERJ6GEYJ182	M 1.8KOHM J 1/10W	1	
R2333	ERJ6GEYJ471	M 470 OHM J 1/10W	1	
R2346	ERJ6GEYJ123	M 12KOHM J 1/10W	1	
R2347	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R2348	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2350	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2351-54	ERJ6GEYJ103	M 10KOHM J 1/10W	4	
R2355-60	ERDS1FJ2R2	C 2.2 OHM J 1/2W	6	
R2365, 66	ERX1FJSR56D	M0.56 OHM J 1W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2367	ERJ6GEYJ332	M 3.3KOHM J 1/10W	1	
R2368, 69	ERJ6GEYJ103	M 10KOHM J 1/10W	2	
R2370	ERJ6GEYJ222	M 2.2KOHM J 1/10W	1	
R2371, 72	ERJ6GEYJ102	M 1KOHM J 1/10W	2	
R2373	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2431	ERJ6GEYJ123	M 12KOHM J 1/10W	1	
R2434	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2439	ERJ6GEYJ563	M 56KOHM J 1/10W	1	
R2440	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R2441	ERJ6GEYJ123	M 12KOHM J 1/10W	1	
R2445	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R2448	ERJ6GEYJ102	M 1KOHM J 1/10W	1	
R2450	ERJ6GEYJ563	M 56KOHM J 1/10W	1	
R2452	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R2453	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2456	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R2460	ERJ6ENF1802	M 18KOHM 1/10W	1	
R2461, 62	ERJ6GEYJ101	M 100 OHM J 1/10W	2	
R2463	ERJ6ENF1502	M 15KOHM 1/10W	1	
R2466	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R2467	ERJ6GEYJ224	M 220KOHM J 1/10W	1	
R2468	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2469	ERJ6GEYJ104	M 100KOHM J 1/10W	1	
R2470	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2471	ERJ6GEYJ182	M 1.8KOHM J 1/10W	1	
R2472	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	
R2473	ERJ6GEYJ182	M 1.8KOHM J 1/10W	1	
R2476, 77	ERJ6GEYJ220	M 22 OHM J 1/10W	2	
R2485-91	ERJ6GEY0R00	M 0 OHM 1/10W	7	
R2494, 95	ERJ6GEY0R00	M 0 OHM 1/10W	2	
R3001	ERJ3GEYJ103	M 10KOHM J 1/16W	1	(J)
R3001	ERJ6ENF75R0	M 75 OHM 1/10W	1	BK/BS/EK/E S/UY (HB)
R3002	ERJ3GEYJ102	M 1KOHM J 1/16W	1	(J)
R3002	ERJ6ENF75R0	M 75 OHM 1/10W	1	BK/BS/EK/E S/UY (HB)
R3003	ERJ3GEYJ473	M 47KOHM J 1/16W	1	(J)
R3003	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3004	ERJ3GEYJ101	M 100 OHM J 1/16W	1	(J)
R3004	ERJ6GEYJ184	M 180KOHM J 1/10W	1	BK/BS/EK/E S/UY (HA)
R3004	ERJ6ENF75R0	M 75 OHM 1/10W	1	BK/BS/EK/E S/UY (HB)
R3005	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	(J)
R3005	ERJ6GEYJ184	M 180KOHM J 1/10W	1	BK/BS/EK/E S/UY (HA)
R3005	ERJ6ENF75R0	M 75 OHM 1/10W	1	BK/BS/EK/E S/UY (HB)
R3006	ERJ6GEYJ472	M 4.7KOHM J 1/10W	1	(J)
R3006	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3006 03	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3007	ERJ3GEYJ103	M 10KOHM J 1/16W	1	(J)
R3007	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3007	ERJ3GEYJ104	M 100KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3008	ERJ3GEYJ103	M 10KOHM J 1/16W	1	(J)
R3008	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3009	ERJ3GEYJ101	M 100 OHM J 1/16W	1	
R3010	ERJ3GEYJ101	M 100 OHM J 1/16W	1	(J)
R3010	ERJ3GEYJ153	M 15KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3011	ERJ3GEYJ153	M 15KOHM J 1/16W	1	(J)
R3011	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3012	ERJ3GEYJ333	M 33KOHM J 1/16W	1	(J)
R3012	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3013	ERJ3GEYJ153	M 15KOHM J 1/16W	1	(J)
R3013	ERJ3GEYJ153	M 15KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3014	ERJ3GEYJ333	M 33KOHM J 1/16W	1	(J)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3014	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3014	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3015	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3015	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3015	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3015	ERJ3GEYJ153	M 15KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3016	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3016	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3017	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3017	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3017	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3017	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3018	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3018	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3018	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3018	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3019	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY
R3020	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3020	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3020	ERJ3GEYJ102	M 1KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3021	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3021	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3021	ERJ3GEYJ102	M 1KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3022	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3022	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3022	ERJ3GEYJ102	M 1KOHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3022	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3023	ERJ3GEYJ101	M 100 OHM J 1/16W	1	(J)
R3023	ERJ3GEYJ102	M 1KOHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3023	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3024	ERJ3GEYJ101	M 100 OHM J 1/16W	1	
R3025	ERJ3GEYJ101	M 100 OHM J 1/16W	1	(J)
R3025	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3025	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3026	ERJ3GEYJ103	M 10KOHM J 1/16W	1	(J)
R3026	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3026	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3027	ERJ3GEYJ103	M 10KOHM J 1/16W	1	(J)
R3027	ERJ3GEYJ102	M 1KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3028	ERJ3GEYJ103	M 10KOHM J 1/16W	1	(J)
R3028	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3029	ERJ3GEYJ103	M 10KOHM J 1/16W	1	(J)
R3029	ERJ3EKF2200	M 220 OHM 1/16W	1	BK/BS/EK/E S/UY (HB)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3030	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3030	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3030	ERJ3EKF3900	M 390 OHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3031	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3031	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3031	ERJ3EKF4700	M 470 OHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3032	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3032	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3032	ERJ3EKF1200	M 120 OHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3033	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3033	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3033	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3034	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3035	ERJ3GEYJ331	M 330 OHM J 1/16W	1	(J)
R3035	ERJ3GEYJ102	M 1KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3036	ERJ3GEYJ331	M 330 OHM J 1/16W	1	(J)
R3036	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3036	ERJ6ENF1800	M 180 OHM 1/10W	1	BK/BS/EK/E S/UY (HB)
R3037	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3037	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3037	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HA)
R3037	ERJ3EKF2200	M 220 OHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3038	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3038	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3038	ERJ3GEYJ272	M 2.7KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3039	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R3040	ERJ3GEYJ331	M 330 OHM J 1/16W	1	(J)
R3040	ERJ3EKF3300	M 330 OHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3041	ERJ3GEYJ331	M 330 OHM J 1/16W	1	(J)
R3041	ERJ6GEY0R00	M 0 OHM 1/10W	1	BK/BS/EK/E S/UY (HA)
R3041	ERJ3EKF1800	M 180 OHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3042	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3042	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3042	ERJ6GEY0R00	M 0 OHM 1/10W	1	BK/BS/EK/E S/UY (HA)
R3042	ERJ3EKF6801	M 6.8KOHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3043	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3043	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3043	ERJ3GEYJ561	M 560 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3044	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R3045	ERJ3GEYJ103	M 10KOHM J 1/16W	1	(J)
R3045	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3046	ERJ3GEYJ103	M 10KOHM J 1/16W	1	(J)
R3046	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3047	ERJ3GEYJ103	M 10KOHM J 1/16W	1	(J)
R3047	ERJ3GEYJ102	M 1KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3048	ERJ3GEYJ334	M 330KOHM J 1/16W	1	(J)
R3048	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3049	ERJ3GEYJ334	M 330KOHM J 1/16W	1	(J)
R3049	ERJ3GEYJ102	M 1KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3050	ERJ6ENF75R0	M 75 OHM 1/10W	1	BK/BS/EK/E S/UY
R3051	ERJ3GEYJ334	M 330KOHM J 1/16W	1	(J)
R3051	ERJ3GEYJ333	M 33KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3052	ERJ3GEYJ334	M 330KOHM J 1/16W	1	(J)
R3052	ERJ3GEYJ333	M 33KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3053	ERJ3GEYJ560	M 56 OHM J 1/16W	1	(J)
R3053	ERJ3GEYJ153	M 15KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3054	ERJ3GEYJ560	M 56 OHM J 1/16W	1	(J)
R3054	ERJ3GEYJ333	M 33KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3055	ERJ3GEYJ334	M 330KOHM J 1/16W	1	(J)
R3055	ERJ3GEYJ153	M 15KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3056	ERJ3GEYJ334	M 330KOHM J 1/16W	1	(J)
R3056	ERJ3GEYJ333	M 33KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3057	ERJ3GEYJ560	M 56 OHM J 1/16W	1	(J)
R3057	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3058	ERJ3GEYJ560	M 56 OHM J 1/16W	1	(J)
R3058	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3059	ERJ3GEYJ102	M 1KOHM J 1/16W	1	BK/BS/EK/E S/UY
R3060	ERJ3GEYJ102	M 1KOHM J 1/16W	1	(J)
R3060	ERJ3GEYJ102	M 1KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3061	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3061	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3061	ERJ3GEYJ561	M 560 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3062	ERJ6GEYJ101	M 100 OHM J 1/10W	1	(J)
R3062	ERJ3GEYJ561	M 560 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3063	ERJ3GEYJ101	M 100 OHM J 1/16W	1	
R3064	ERJ6GEYJ560	M 56 OHM J 1/10W	1	
R3065	ERJ6GEYJ560	M 56 OHM J 1/10W	1	(J)
R3065	ERJ6GEY0R00	M 0 OHM 1/10W	1	BK/BS/EK/E S/UY (HB)
R3066	ERJ6GEYJ560	M 56 OHM J 1/10W	1	
R3070-72	ERJ6ENF75R0	M 75 OHM 1/10W	3	
R3076-81	ERJ6GEYJ560	M 56 OHM J 1/10W	6	
R3082, 83	ERJ3GEYJ101	M 100 OHM J 1/16W	2	
R3084, 85	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R3086, 87	TSK1032	BEAD CHOKE	2	BK/EK/UXK
R3086, 87	J0JCC0000100	CHIP INDUCTOR	2	BS/ES/UY/UXS
R3088-93	ERJ6ENF75R0	M 75 OHM 1/10W	6	
R3094-96	ERJ3GEYJ331	M 330 OHM J 1/16W	3	
R3097, 98	TSK1032	BEAD CHOKE	2	BK/EK/UXK
R3097, 98	J0JCC0000100	CHIP INDUCTOR	2	BS/ES/UY/UXS
R3099, 100	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R3101	ERJ6ENF1800	M 180 OHM 1/10W	1	(J)
R3101	ERJ3GEYJ220	M 22 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3102	ERJ6ENF1800	M 180 OHM 1/10W	1	(J)
R3102	ERJ3GEY0R00	M 0 OHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3103	ERJ6ENF1800	M 180 OHM 1/10W	1	
R3104	ERJ6ENF1800	M 180 OHM 1/10W	1	(J)
R3104	ERJ3GEYJ220	M 22 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3105	ERJ6ENF1800	M 180 OHM 1/10W	1	
R3106	ERJ6ENF1800	M 180 OHM 1/10W	1	(J)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3106	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3107	ERJ3GEYJ101	M 100 OHM J 1/16W	1	(J)
R3107	ERJ3GEYJ330	M 33 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3108	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3108	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3108	TSK1032	BEAD CHOKE	1	BK (HB)
R3108	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY (HB)
R3108	J0JCC0000100	CHIP INDUCTOR	1	EK (HB)
R3109	ERJ6ENF8200	M 820 OHM 1/10W	1	
R3110	ERJ6ENF4701	M 4.7KOHM 1/10W	1	
R3111	ERJ6ENF1501	M 1.5KOHM 1/10W	1	
R3112	ERJ6ENF4701	M 4.7KOHM 1/10W	1	(J)
R3112	ERJ3EKF1501	M 1.5KOHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3113	ERJ6ENF1501	M 1.5KOHM 1/10W	1	(J)
R3113	ERJ3EKF1501	M 1.5KOHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3114	ERJ3GEY0R00	M 0 OHM 1/16W	1	BK/BS/EK/E S/UY
R3115	ERJ3GEYJ102	M 1KOHM J 1/16W	1	BK/BS/EK/E S/UY
R3116	ERJ3GEYJ103	M 10KOHM J 1/16W	1	(J)
R3116	ERJ6GEY0R00	M 0 OHM 1/10W	1	BK/BS/EK/E S/UY (HB)
R3117	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3117	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3117	ERJ3GEYJ102	M 1KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3118	ERJ6ENF8200	M 820 OHM 1/10W	1	(J)
R3118	ERJ3GEY0R00	M 0 OHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3119	ERJ3GEYJ121	M 120 OHM J 1/16W	1	BK/BS/EK/E S/UY
R3120	TSK1032	BEAD CHOKE	1	BK
R3120	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY
R3120	J0JCC0000100	CHIP INDUCTOR	1	EK
R3121	ERJ3GEYJ121	M 120 OHM J 1/16W	1	BK/BS/EK/E S/UY
R3122	ERJ3EKF8201	M 8.2KOHM 1/16W	1	BK/BS/EK/E S/UY
R3123	ERJ3EKF1502	M 15KOHM 1/16W	1	BK/BS/EK/E S/UY
R3124	ERJ3EKF10R0	M 10 OHM 1/16W	1	BK/BS/EK/E S/UY
R3125	TSK1032	BEAD CHOKE	1	BK
R3125	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY
R3125	J0JCC0000100	CHIP INDUCTOR	1	EK
R3126	TSK1032	BEAD CHOKE	1	BK/EK/UXK
R3126	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS
R3127	TSK1032	BEAD CHOKE	1	BK/EK/UXK (J)
R3127	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS (J)
R3127	ERJ6ENF12R0	M 12 OHM 1/10W	1	BK/BS/EK/E S/UY (HB)
R3128	ERJ3GEYJ181	M 180 OHM J 1/16W	1	
R3129	ERJ3GEYJ181	M 180 OHM J 1/16W	1	(J)
R3129	ERJ6ENF12R0	M 12 OHM 1/10W	1	BK/BS/EK/E S/UY (HB)
R3130	ERJ3GEYJ181	M 180 OHM J 1/16W	1	
R3131	ERJ3GEYJ181	M 180 OHM J 1/16W	1	(J)
R3131	ERJ3GEYJ220	M 22 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3132, 33	ERJ3GEYJ181	M 180 OHM J 1/16W	2	
R3135	ERJ6ENF10R0	M 10 OHM 1/10W	1	BK/BS/EK/E S/UY
R3136-39	ERJ3GEY0R00	M 0 OHM 1/16W	4	BK/BS/EK/E S/UY
R3140	ERJ3GEYJ473	M 47KOHM J 1/16W	1	(J)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3140	ERJ3GEYJ220	M 22 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3141	ERJ3GEYJ473	M 47KOHM J 1/16W	1	(J)
R3141	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY (HB)
R3142	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY
R3143	TSK1032	BEAD CHOKE	1	BK
R3143	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY
R3143	J0JCC0000100	CHIP INDUCTOR	1	EK
R3144, 45	ERJ3GEYJ102	M 1KOHM J 1/16W	2	BK/BS/EK/E S/UY
R3148, 49	ERJ3GEYJ220	M 22 OHM J 1/16W	2	BK/BS/EK/E S/UY
R3150	ERJ3GEYJ101	M 100 OHM J 1/16W	1	
R3151	ERJ3GEYJ101	M 100 OHM J 1/16W	1	(J)
R3151	ERJ3GEYJ220	M 22 OHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3152	ERJ3GEYJ561	M 560 OHM J 1/16W	1	BK/BS/EK/E S/UY
R3153	ERJ3GEYJ221	M 220 OHM J 1/16W	1	BK/BS/EK/E S/UY
R3154, 55	ERJ3GEYJ331	M 330 OHM J 1/16W	2	BK/BS/EK/E S/UY
R3156	ERJ3GEYJ561	M 560 OHM J 1/16W	1	BK/BS/EK/E S/UY
R3157	ERJ3GEYJ221	M 220 OHM J 1/16W	1	BK/BS/EK/E S/UY
R3158	ERJ3GEYJ182	M 1.8KOHM J 1/16W	1	BK/BS/EK/E S/UY
R3159	ERJ6GEY0R00	M 0 OHM 1/10W	1	BK/BS/EK/E S/UY
R3160	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	(J)
R3160	ERJ3EKF2701	M 2.7KOHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3161	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	(J)
R3161	ERJ3EKF2701	M 2.7KOHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3162	ERJ3GEYJ102	M 1KOHM J 1/16W	1	(J)
R3162	ERJ3EKF2701	M 2.7KOHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3163	ERJ3GEYJ102	M 1KOHM J 1/16W	1	(J)
R3163	ERJ3EKF2701	M 2.7KOHM 1/16W	1	BK/BS/EK/E S/UY (HB)
R3164-67	ERJ3GEY0R00	M 0 OHM 1/16W	4	BK/BS/EK/E S/UY
R3168	ERJ3EKF2000	M 200 OHM 1/16W	1	BK/BS/EK/E S/UY
R3169-72	ERJ6ENF75R0	M 75 OHM 1/10W	4	BK/BS/EK/E S/UY
R3173	ERJ3EKF2200	M 220 OHM 1/16W	1	BK/BS/EK/E S/UY
R3174	TSK1032	BEAD CHOKE	1	BK
R3174	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY
R3174	J0JCC0000100	CHIP INDUCTOR	1	EK
R3177	ERJ3EKF1401	M 1.4KOHM 1/16W	1	BK/BS/EK/E S/UY
R3178	ERJ3EKF1101	M 1.1KOHM 1/16W	1	BK/BS/EK/E S/UY
R3179	ERJ3EKF1401	M 1.4KOHM 1/16W	1	BK/BS/EK/E S/UY
R3180	ERJ3EKF1101	M 1.1KOHM 1/16W	1	BK/BS/EK/E S/UY
R3181	ERJ3EKF1401	M 1.4KOHM 1/16W	1	BK/BS/EK/E S/UY
R3182	ERJ3EKF1101	M 1.1KOHM 1/16W	1	BK/BS/EK/E S/UY
R3183	ERJ3EKF1401	M 1.4KOHM 1/16W	1	BK/BS/EK/E S/UY
R3184	ERJ3EKF1101	M 1.1KOHM 1/16W	1	BK/BS/EK/E S/UY
R3185	ERJ6GEY0R00	M 0 OHM 1/10W	1	BK/BS/EK/E S/UY
R3188	ERJ6ENF75R0	M 75 OHM 1/10W	1	
R3189	ERJ6ENF75R0	M 75 OHM 1/10W	2	(J)
R3189	TSK1032	BEAD CHOKE	1	BK (HB)
R3189	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY (HB)
R3189	J0JCC0000100	CHIP INDUCTOR	1	EK (HB)
R3190	ERJ6ENF75R0	M 75 OHM 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3191	ERJ14YJ330	M 33 OHM J 1/4W	1	
R3192	ERJ14YJ330	M 33 OHM J 1/4W	1	(J)
R3192	ERJ36EYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3193	ERJ14YJ330	M 33 OHM J 1/4W	1	(J)
R3193	ERJ36EYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY (HB)
R3194	ERJ14YJ330	M 33 OHM J 1/4W	1	(J)
R3194	TSK1032	BEAD CHOKE	1	BK (HB)
R3194	J0JCC0000100	CHIP INDUCTOR	1	EK (HB)
R3195	ERJ36EYJ103	M 10KOHM J 1/16W	1	(J)
R3195	TSK1032	BEAD CHOKE	1	BK (HB)
R3195	ERJ36EY0R00	M 0 OHM 1/16W	1	BS/ES/UY (HB)
R3195	J0JCC0000100	CHIP INDUCTOR	1	EK (HB)
R3196	ERJ36EYJ103	M 10KOHM J 1/16W	1	
R3197, 98	ERJ36EYJ123	M 12KOHM J 1/16W	2	
R3199-204	ERJ6ENF1800	M 180 OHM 1/10W	6	
R3210, 11	ERJ6GEYJ101	M 100 OHM J 1/10W	2	
R3212-15	ERJ36EYJ472	M 4.7KOHM J 1/16W	4	
R3216-19	ERJ6GEYJ3R3	M 3.3KOHM J 1/10W	4	
R3230, 31	ERJ6GEYJ101	M 100 OHM J 1/10W	2	
R3251	ERJ36EYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S
R3251	ERJ36EYJ101	M 100 OHM J 1/16W	1	UY Δ
R3252	ERJ36EYJ103	M 10KOHM J 1/16W	1	BK/BS/EK/E S/UY
R3253	ERJ36EYJ472	M 4.7KOHM J 1/16W	1	BK/BS/EK/E S/UY
R3254, 55	ERJ36EYJ220	M 22 OHM J 1/16W	2	BK/BS/EK/E S/UY
R3260-62	ERJ6ENF75R0	M 75 OHM 1/10W	3	
R3300, 01	ERJ3EKF1501	M 1.5KOHM 1/16W	2	BK/BS/EK/E S/UY
R3302	ERJ36EYJ472	M 4.7KOHM J 1/16W	1	BK/BS/EK/E S/UY
R3305	ERJ6GEY0R00	M 0 OHM 1/10W	1	BK/BS/EK/E S/UY
R3307	TSK1032	BEAD CHOKE	1	BK
R3307	ERJ36EY0R00	M 0 OHM 1/16W	1	BS/ES/UY
R3307	J0JCC0000100	CHIP INDUCTOR	1	EK
R3308, 09	ERJ36EYJ103	M 10KOHM J 1/16W	2	BK/BS/EK/E S/UY
R3313	ERJ36EYJ333	M 33KOHM J 1/16W	1	BK/BS/EK/E S/UY
R3314, 15	ERJ36EYJ103	M 10KOHM J 1/16W	2	BK/BS/EK/E S/UY
R3319	ERJ36EYJ333	M 33KOHM J 1/16W	1	BK/BS/EK/E S/UY
R3337, 38	ERJ36EYJ220	M 22 OHM J 1/16W	2	BK/BS/EK/E S/UY
R3400	ERJ6GEYJ103	M 10KOHM J 1/10W	1	
R3508, 09	ERJ6GEYJ472	M 4.7KOHM J 1/10W	2	
R3510, 11	ERJ6GEYJ101	M 100 OHM J 1/10W	2	
R3529, 30	ERJ6GEYJ184	M 180KOHM J 1/10W	2	
R3547, 48	ERJ6GEYJ101	M 100 OHM J 1/10W	2	
R3585, 86	ERJ6GEYJ560	M 56 OHM J 1/10W	2	
R3589	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R3590	ERJ6GEYJ560	M 56 OHM J 1/10W	1	
R3591-93	ERJ6GEY0R00	M 0 OHM 1/10W	3	
R3653	ERJ6GEYJ153	M 15KOHM J 1/10W	1	
R3654	ERJ6GEYJ333	M 33KOHM J 1/10W	1	
R3655	ERJ6GEYJ153	M 15KOHM J 1/10W	1	
R3656	ERJ6GEYJ333	M 33KOHM J 1/10W	1	
R3663, 64	ERJ6GEYJ102	M 1KOHM J 1/10W	2	
R3668	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R3672	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R3776, 77	ERJ6GEYJ101	M 100 OHM J 1/10W	2	
R3778	ERJ6GEYJ473	M 47KOHM J 1/10W	1	
R3790, 91	ERJ6GEYJ101	M 100 OHM J 1/10W	2	
R8001	TSK1032	BEAD CHOKE	1	BK/EK/UXK
R8001	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS
R8003-05	TSK1032	BEAD CHOKE	3	BK/EK/UXK
R8003-05	J0JCC0000100	CHIP INDUCTOR	3	BS/ES/UY/UXS

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8007, 08	TSK1032	BEAD CHOKE	2	BK/EK/UXK
R8007, 08	J0JCC0000100	CHIP INDUCTOR	2	BS/ES/UY/UXS
R8010-12	ERJ36EYJ271	M 270 OHM J 1/16W	3	
R8014-16	ERJ36EYJ271	M 270 OHM J 1/16W	3	
R8017-20	ERJ36EYJ562	M 5.6KOHM J 1/16W	4	
R8021, 22	ERJ36EYJ222	M 2.2KOHM J 1/16W	2	
R8025	TSK1032	BEAD CHOKE	1	BK/EK/UXK
R8025	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS
R8026	ERJ36EYJ331	M 330 OHM J 1/16W	1	
R8027	TSK1032	BEAD CHOKE	1	BK/EK/UXK
R8027	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS
R8028	ERJ36EYJ331	M 330 OHM J 1/16W	1	
R8029, 30	ERJ6ENF3301	M 3.3KOHM 1/10W	2	
R8031, 32	ERJ6ENF2201	M 2.2KOHM 1/10W	2	
R8033, 34	ERJ36EYJ104	M 100KOHM J 1/16W	2	
R8035	ERJ6ENF3300	M 330 OHM 1/10W	1	
R8036	ERJ6ENF1500	M 150 OHM 1/10W	1	
R8037-40	ERJ6ENF4701	M 4.7KOHM 1/10W	4	
R8041, 42	ERJ36EYJ183	M 18KOHM J 1/16W	2	
R8045, 46	ERJ36EYJ222	M 2.2KOHM J 1/16W	2	
R8047	ERJ36EYJ271	M 270 OHM J 1/16W	1	
R8048-51	ERJ36EYJ222	M 2.2KOHM J 1/16W	4	
R8054	ERJ36EYJ102	M 1KOHM J 1/16W	1	
R8055, 56	ERJ36EYJ101	M 100 OHM J 1/16W	2	
R8057	ERJ36EYJ102	M 1KOHM J 1/16W	1	
R8058, 59	ERJ36EYJ101	M 100 OHM J 1/16W	2	
R806, 07	ERJ6ENF15R0	M 15 OHM 1/10W	2	
R8060	ERJ6ENF3300	M 330 OHM 1/10W	1	
R8061	ERJ6ENF1500	M 150 OHM 1/10W	1	
R8062	ERJ36EYJ271	M 270 OHM J 1/16W	1	
R8065	ERJ36EYJ101	M 100 OHM J 1/16W	1	
R8066	ERJ6GEYJ681	M 680 OHM J 1/10W	1	
R8067, 68	ERJ36EYJ101	M 100 OHM J 1/16W	2	
R8069	ERJ6GEYJ681	M 680 OHM J 1/10W	1	
R8070	ERJ36EYJ101	M 100 OHM J 1/16W	1	
R8071, 72	TSK1032	BEAD CHOKE	2	BK/EK/UXK
R8071, 72	J0JCC0000100	CHIP INDUCTOR	2	BS/ES/UY/UXS
R8077, 78	ERJ36EYJ152	M 1.5KOHM J 1/16W	2	
R8081, 82	ERJ36EYJ152	M 1.5KOHM J 1/16W	2	
R8089	ERJ36EYJ181	M 180 OHM J 1/16W	1	
R8091	ERJ36EYJ181	M 180 OHM J 1/16W	1	
R8093, 94	ERJ6GEYJ101	M 100 OHM J 1/10W	2	
R8097-00	ERJ36EYJ103	M 10KOHM J 1/16W	4	
R8117, 18	TSK1032	BEAD CHOKE	2	BK/EK/UXK
R8117, 18	J0JCC0000100	CHIP INDUCTOR	2	BS/ES/UY/UXS
R8124-27	ERJ6GEYJ101	M 100 OHM J 1/10W	4	
R8181	ERJ36EYJ101	M 100 OHM J 1/16W	1	
R8182	ERJ6GEYJ101	M 100 OHM J 1/10W	1	
R8183, 84	TSK1032	BEAD CHOKE	2	BK/EK/UXK
R8183, 84	J0JCC0000100	CHIP INDUCTOR	2	BS/ES/UY/UXS
R8185, 86	ERJ36EYJ272	M 2.7KOHM J 1/16W	2	
R8187, 88	ERJ6GEYJ560	M 56 OHM J 1/10W	2	
R8200	ERJ36EYJ223	M 22KOHM J 1/16W	1	
R8201	ERJ36EYJ473	M 47KOHM J 1/16W	1	
R8202, 03	ERJ36EYJ223	M 22KOHM J 1/16W	2	
R8204	ERJ36EYJ104	M 100KOHM J 1/16W	1	
R8205	ERJ36EYJ563	M 56KOHM J 1/16W	1	
R8206	ERJ36EYJ473	M 47KOHM J 1/16W	1	
R8207	TSK1032	BEAD CHOKE	1	BK/EK/UXK
R8207	J0JCC0000100	CHIP INDUCTOR	1	BS/ES/UY/UXS
R9000	TSK1032	BEAD CHOKE	1	BK
R9000	ERJ36EY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9000	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9001	ERJ36EYJ103	M 10KOHM J 1/16W	1	
R9002, 03	TSK1032	BEAD CHOKE	2	BK
R9002, 03	ERJ36EY0R00	M 0 OHM 1/16W	2	BS/ES/UY/UXS

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9002, 03	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9005	TSK1032	BEAD CHOKE	1	BK
R9005	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9005	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9006	ERJ3GEYJ272	M 2.7KOHM J 1/16W	1	
R9008	TSK1032	BEAD CHOKE	1	BK
R9008	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9008	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9009-18	ERJ3GEYJ101	M 100 OHM J 1/16W	10	BK/BS/EK/E S
R9009-18	ERJ3GEYJ101	M 100 OHM J 1/16W	10	UY/UXK/UXS △
R901, 02	ERC12ZGK105	S 1MOHM K 1/2W	2	△
R9019	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	
R9020	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9021, 22	TSK1032	BEAD CHOKE	2	BK
R9021, 22	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/U XS
R9021, 22	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9023	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9024	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9026	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9027, 28	ERJ3GEYJ473	M 47KOHM J 1/16W	2	
R903, 04	ERF7TK3R3	W 3.3 OHM K 7W	2	
R9030	ERJ3GEYJ473	M 47KOHM J 1/16W	1	
R9031, 32	ERJ3GEYJ272	M 2.7KOHM J 1/16W	2	
R9033, 34	TSK1032	BEAD CHOKE	2	BK
R9033, 34	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/U XS
R9033, 34	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9035, 36	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R9038	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9039	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9040	ERJ3GEYJ104	M 100KOHM J 1/16W	1	
R9042	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S
R9042	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS △
R9043	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9044	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S
R9044	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS △
R9045	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	
R9046, 47	ERJ3GEYJ101	M 100 OHM J 1/16W	2	BK/BS/EK/E S
R9046, 47	ERJ3GEYJ101	M 100 OHM J 1/16W	2	UY/UXK/UXS △
R9048	TSK1032	BEAD CHOKE	1	BK
R9048	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9048	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9049	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S
R9049	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS △
R9051, 52	ERJ3GEYJ562	M 5.6KOHM J 1/16W	2	
R9053	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S
R9053	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS △
R9054, 55	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R9056	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R9057, 58	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R9059	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R9060	TSK1032	BEAD CHOKE	1	BK
R9060	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9060	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9061	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9062	ERJ3GEYJ272	M 2.7KOHM J 1/16W	1	
R9063	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9064	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9065	ERJ3GEYJ272	M 2.7KOHM J 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9066	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R9067	ERJ3GEYJ682	M 6.8KOHM J 1/16W	1	
R9068-71	TSK1032	BEAD CHOKE	4	BK
R9068-71	ERJ3GEY0R00	M 0 OHM 1/16W	4	BS/ES/UY/U XS
R9068-71	J0JCC0000100	CHIP INDUCTOR	4	EK/UXK
R9072	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S
R9072	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS △
R9073, 74	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R9075	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9076	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9077	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R9079	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S
R9079	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS △
R9081, 82	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R9084	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9086	EXB38V220J	RESISTOR ARRAY	1	
R9089	ERJ3GEYJ473	M 47KOHM J 1/16W	1	
R9091, 92	ERJ6ENF1001	M 1KOHM 1/10W	2	
R9093, 94	TSK1032	BEAD CHOKE	2	BK
R9093, 94	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/U XS
R9093, 94	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9095	ERJ6ENF1101	M 1.1KOHM 1/10W	1	
R9096	ERJ6ENF1401	M 1.4KOHM 1/10W	1	
R9098	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9099	ERJ3GEYJ470	M 47 OHM J 1/16W	1	
R9100	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9101	ERJ3GEYJ470	M 47 OHM J 1/16W	1	
R9102, 03	EXB2HV470JV	RESISTOR ARRAY	2	
R9105	TSK1032	BEAD CHOKE	1	BK
R9105	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9105	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9106	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9108	TSK1032	BEAD CHOKE	1	BK
R9108	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9108	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9109	ERJ3GEYJ682	M 6.8KOHM J 1/16W	1	
R9110	TSK1032	BEAD CHOKE	1	BK
R9110	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9110	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9111	ERJ3GEYJ473	M 47KOHM J 1/16W	1	
R9112	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9113	TSK1032	BEAD CHOKE	1	BK
R9113	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9113	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9114	ERJ3GEYJ153	M 15KOHM J 1/16W	1	
R9115	TSK1032	BEAD CHOKE	1	BK
R9115	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9115	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9116	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R9117	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9118	TSK1032	BEAD CHOKE	1	BK
R9118	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9118	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9119	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R912, 13	ERG2FJS104D	M 100KOHM J 2W	2	
R9120	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S
R9120	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS △
R9121	TSK1032	BEAD CHOKE	1	BK
R9121	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9121	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9122	ERJ3GEYJ103	M 10KOHM J 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9123	TSK1032	BEAD CHOKE	1	BK
R9123	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9123	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9124	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9126	ERJ3EKF5101	M 5.1KOHM 1/16W	1	
R9127	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9128	ERJ3EKF3901	M 3.9KOHM 1/16W	1	
R9129	ERJ3GEYJ242	M 2.4KOHM J 1/16W	1	
R9130	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9131, 32	TSK1032	BEAD CHOKE	2	BK
R9131, 32	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/UXS
R9131, 32	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9133	ERJ3GEYJ473	M 47KOHM J 1/16W	1	
R9134, 35	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R9136	ERJ3GEYJ331	M 330 OHM J 1/16W	1	
R9137, 38	ERJ3GEYJ332	M 3.3KOHM J 1/16W	2	
R9139-43	ERJ3GEYJ101	M 100 OHM J 1/16W	5	BK/BS/EK/ES
R9139-43	ERJ3GEYJ101	M 100 OHM J 1/16W	5	UY/UXK/UXS
R9145	TSK1032	BEAD CHOKE	1	BK
R9145	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9145	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9149-51	TSK1032	BEAD CHOKE	3	BK
R9149-51	ERJ3GEY0R00	M 0 OHM 1/16W	3	BS/ES/UY/UXS
R9149-51	J0JCC0000100	CHIP INDUCTOR	3	EK/UXK
R9153	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9154	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9159	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9160, 61	ERJ3GEYJ101	M 100 OHM J 1/16W	2	BK/BS/EK/ES
R9160, 61	ERJ3GEYJ101	M 100 OHM J 1/16W	2	UY/UXK/UXS
R9163	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/ES
R9163	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS
R9164	ERJ3EKF1202	M 12KOHM 1/16W	1	
R9165-68	ERJ3GEYJ103	M 10KOHM J 1/16W	4	
R9169-72	ERJ3GEYJ101	M 100 OHM J 1/16W	4	BK/BS/EK/ES
R9169-72	ERJ3GEYJ101	M 100 OHM J 1/16W	4	UY/UXK/UXS
R9173, 74	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R9175-77	ERJ3GEYJ101	M 100 OHM J 1/16W	3	BK/BS/EK/ES
R9175-77	ERJ3GEYJ101	M 100 OHM J 1/16W	3	UY/UXK/UXS
R9178	ERJ3GEYJ682	M 6.8KOHM J 1/16W	1	
R9179-81	TSK1032	BEAD CHOKE	3	BK
R9179-81	ERJ3GEY0R00	M 0 OHM 1/16W	3	BS/ES/UY/UXS
R9179-81	J0JCC0000100	CHIP INDUCTOR	3	EK/UXK
R9182	ERJ3EKF2001	M 2KOHM 1/16W	1	
R9183	ERJ3EKF3301	M 3.3KOHM 1/16W	1	
R9184	TSK1032	BEAD CHOKE	1	BK
R9184	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9184	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9186	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9189	ERJ3GEYJ393	M 39KOHM J 1/16W	1	
R9192	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9193, 94	ERJ6ENF1001	M 1KOHM 1/10W	2	
R9195, 96	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R9197	ERJ3GEYJ562	M 5.6KOHM J 1/16W	1	
R9199	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9200	EXB2HV470JV	RESISTOR ARRAY	1	
R9201, 02	TSK1032	BEAD CHOKE	2	BK
R9201, 02	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/UXS
R9201, 02	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9204	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/ES
R9204	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS
R9205	EXB2HV470JV	RESISTOR ARRAY	1	
R9206-08	ERJ3GEYJ101	M 100 OHM J 1/16W	3	BK/BS/EK/ES
R9206-08	ERJ3GEYJ101	M 100 OHM J 1/16W	3	UY/UXK/UXS
R9209	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R9210	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/ES
R9210	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS
R9211	ERJ3GEYJ100	M 10 OHM J 1/16W	1	
R9212	EXB2HV470JV	RESISTOR ARRAY	1	
R9213	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9215	ERJ3GEYJ560	M 56 OHM J 1/16W	1	
R9216	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R9218, 19	ERJ6GEY0R00	M 0 OHM 1/10W	2	
R922	ERG1SJ102	M 1KOHM J 1W	1	BK/EK/UXK
R922	ERDS1FJ102	C 1KOHM J 1/2W	1	BS/ES/UY/UXS
R9220-22	TSK1032	BEAD CHOKE	3	BK
R9220-22	ERJ3GEY0R00	M 0 OHM 1/16W	3	BS/ES/UY/UXS
R9220-22	J0JCC0000100	CHIP INDUCTOR	3	EK/UXK
R9223-25	ERJ3GEYJ750	M 75 OHM J 1/16W	3	
R9228, 29	TSK1032	BEAD CHOKE	2	BK
R9228, 29	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/UXS
R9228, 29	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9230	ERJ3EKF6801	M 6.8KOHM 1/16W	1	
R9231-33	TSK1032	BEAD CHOKE	3	BK
R9231-33	ERJ3GEY0R00	M 0 OHM 1/16W	3	BS/ES/UY/UXS
R9231-33	J0JCC0000100	CHIP INDUCTOR	3	EK/UXK
R9235	ERJ3GEYJ272	M 2.7KOHM J 1/16W	1	
R9236	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R924	ERJ6GEYJ223	M 22KOHM J 1/10W	1	
R9240, 41	TSK1032	BEAD CHOKE	2	BK
R9240, 41	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/UXS
R9240, 41	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9243-45	TSK1032	BEAD CHOKE	3	BK
R9243-45	ERJ3GEY0R00	M 0 OHM 1/16W	3	BS/ES/UY/UXS
R9243-45	J0JCC0000100	CHIP INDUCTOR	3	EK/UXK
R9248	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9249	ERJ3GEYJ473	M 47KOHM J 1/16W	1	
R9256	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/ES
R9256	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS
R9258	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/ES
R9258	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS
R9261-65	TSK1032	BEAD CHOKE	5	BK
R9261-65	ERJ3GEY0R00	M 0 OHM 1/16W	5	BS/ES/UY/UXS
R9261-65	J0JCC0000100	CHIP INDUCTOR	5	EK/UXK
R9266	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9267, 68	ERJ6GEY0R00	M 0 OHM 1/10W	2	
R9270	ERJ6ENF2322	M 23.2KOHM 1/10W	1	
R9271	ERJ6ENF1002	M 10KOHM 1/10W	1	
R9274	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R9276	ERJ3GEYJ333	M 33KOHM J 1/16W	1	
R9277	ERJ3GEYJ823	M 82KOHM J 1/16W	1	
R9279	ERJ3GEYJ683	M 68KOHM J 1/16W	1	
R9281	ERJ6ENF5101	M 5.1KOHM 1/10W	1	
R9282	ERJ6ENF1002	M 10KOHM 1/10W	1	
R9283	ERJ3GEYJ683	M 68KOHM J 1/16W	1	
R9287	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R9288	ERJ6ENF1001	M 1KOHM 1/10W	1	
R9289	ERJ6ENF4420	M 442 OHM 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9290-92	ERJ6ENF1001	M 1KOHM 1/10W	3	
R9293	ERJ6ENF1601	M 1.6KOHM 1/10W	1	
R9294	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R9296	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R9299	TSK1032	BEAD CHOKE	1	BK
R9299	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9299	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9301	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9303	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9306, 07	TSK1032	BEAD CHOKE	2	
R9309	ERJ3GEYJ470	M 47 OHM J 1/16W	1	
R9314	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S
R9314	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS
R9325	TSK1032	BEAD CHOKE	1	BK
R9325	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9325	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9336	TSK1032	BEAD CHOKE	1	BK
R9336	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9336	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9341	TSK1032	BEAD CHOKE	1	BK
R9341	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9341	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9346, 47	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R9350-53	ERJ3GEYJ103	M 10KOHM J 1/16W	4	
R9382	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R9388	ERJ3GEYJ272	M 2.7KOHM J 1/16W	1	
R9410	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R9413	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R9414	TSK1032	BEAD CHOKE	1	BK
R9414	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9414	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9419	ERJ3GEYJ222	M 2.2KOHM J 1/16W	1	
R9420	ERJ3GEYJ223	M 22KOHM J 1/16W	1	
R9421	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S
R9421	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS
R9422-26	TSK1032	BEAD CHOKE	5	BK
R9422-26	ERJ3GEY0R00	M 0 OHM 1/16W	5	BS/ES/UY/U XS
R9422-26	J0JCC0000100	CHIP INDUCTOR	5	EK/UXK
R9427	TSK1032	BEAD CHOKE	1	BK
R9427	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BS/ES/UY/U XS
R9427	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9429, 30	TSK1032	BEAD CHOKE	2	BK
R9429, 30	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/U XS
R9429, 30	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9431	ERJ3GEYJ103	M 10KOHM J 1/16W	1	BK/EK/UXK
R9431	ERJ3GEYJ221	M 220 OHM J 1/16W	1	BS/ES/UY/U XS
R9432	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/E S
R9432	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS
R9433	ERJ3EKF2001	M 2KOHM 1/16W	1	
R9434	ERJ3EKF1001	M 1KOHM 1/16W	1	
R9438	TSK1032	BEAD CHOKE	1	BK
R9438	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9438	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9439, 40	ERJ3GEYJ470	M 47 OHM J 1/16W	2	
R9441	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9442	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R9450-55	EXB38V560J	RESISTOR ARRAY	6	
R9456	TSK1032	BEAD CHOKE	1	BK
R9456	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9456	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9459	TSK1032	BEAD CHOKE	1	BK
R9459	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9459	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9460	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9461	TSK1032	BEAD CHOKE	1	BK
R9461	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9461	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9462	ERJ3EKF2151	M 215 OHM 1/16W	1	
R9463	ERJ3GEYJ333	M 33KOHM J 1/16W	1	
R9465	ERJ3GEYJ563	M 56KOHM J 1/16W	1	
R9466	TSK1032	BEAD CHOKE	1	BK
R9466	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9466	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9469-71	TSK1032	BEAD CHOKE	3	BK
R9469-71	ERJ3GEY0R00	M 0 OHM 1/16W	3	BS/ES/UY/U XS
R9469-71	J0JCC0000100	CHIP INDUCTOR	3	EK/UXK
R9474	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9486, 87	TSK1032	BEAD CHOKE	2	BK
R9486, 87	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/U XS
R9486, 87	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9496, 97	ERJ3GEYJ272	M 2.7KOHM J 1/16W	2	
R9500	ERJ3GEYJ272	M 2.7KOHM J 1/16W	1	
R9501-06	TSK1032	BEAD CHOKE	6	BK
R9501-06	ERJ3GEY0R00	M 0 OHM 1/16W	6	BS/ES/UY/U XS
R9501-06	J0JCC0000100	CHIP INDUCTOR	6	EK/UXK
R9513	TSK1032	BEAD CHOKE	1	BK
R9513	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9513	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9521-26	EXB2HV470JV	RESISTOR ARRAY	6	
R9527	TSK1032	BEAD CHOKE	1	BK
R9527	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9527	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9530, 31	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R9533	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9535, 36	ERJ3GEYJ470	M 47 OHM J 1/16W	2	
R9538-41	ERJ3GEYJ470	M 47 OHM J 1/16W	4	
R9542	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R9543, 44	TSK1032	BEAD CHOKE	2	BK
R9543, 44	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/U XS
R9543, 44	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9548	TSK1032	BEAD CHOKE	1	BK
R9548	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9548	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9550	ERJ3GEYJ470	M 47 OHM J 1/16W	1	
R9551-53	TSK1032	BEAD CHOKE	3	BK
R9551-53	ERJ3GEY0R00	M 0 OHM 1/16W	3	BS/ES/UY/U XS
R9551-53	J0JCC0000100	CHIP INDUCTOR	3	EK/UXK
R9555-58	TSK1032	BEAD CHOKE	4	BK
R9555-58	ERJ3GEY0R00	M 0 OHM 1/16W	4	BS/ES/UY/U XS
R9555-58	J0JCC0000100	CHIP INDUCTOR	4	EK/UXK
R9559, 60	ERJ3GEYJ102	M 1KOHM J 1/16W	2	
R9561	TSK1032	BEAD CHOKE	1	BK
R9561	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9561	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9562-64	EXB38V470J	RESISTOR ARRAY	3	
R9567, 68	TSK1032	BEAD CHOKE	2	BK
R9567, 68	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/U XS
R9567, 68	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9569	EXB38V470J	RESISTOR ARRAY	1	
R9570, 71	TSK1032	BEAD CHOKE	2	BK

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9570, 71	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/U XS
R9570, 71	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9574-77	TSK1032	BEAD CHOKE	4	BK
R9574-77	ERJ3GEY0R00	M 0 OHM 1/16W	4	BS/ES/UY/U XS
R9574-77	J0JCC0000100	CHIP INDUCTOR	4	EK/UXK
R9578, 79	EXB38V470J	RESISTOR ARRAY	2	
R9583-85	TSK1032	BEAD CHOKE	3	BK
R9583-85	ERJ3GEY0R00	M 0 OHM 1/16W	3	BS/ES/UY/U XS
R9583-85	J0JCC0000100	CHIP INDUCTOR	3	EK/UXK
R9586	EXB38V470J	RESISTOR ARRAY	1	
R9587	TSK1032	BEAD CHOKE	1	BK
R9587	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9587	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9589	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R9590	EXB38V470J	RESISTOR ARRAY	1	
R9595	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9596	EXB38V470J	RESISTOR ARRAY	1	
R9597-02	TSK1032	BEAD CHOKE	6	BK
R9597-02	ERJ3GEY0R00	M 0 OHM 1/16W	6	BS/ES/UY/U XS
R9597-02	J0JCC0000100	CHIP INDUCTOR	6	EK/UXK
R9605	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9607	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9609	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9611	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9613	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9615	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9617	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9619	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9621	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9623	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9625	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9627	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9629	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9631	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9633	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9635	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9637	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9639	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9641	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9643	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9645	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9647	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9655	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9657	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9659	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9661	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9663	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9665	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9667	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9669	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9671	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9673	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9675	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9677	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9679	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9681	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9683	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9685	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9687	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9689	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9691	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9693	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9695	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9697	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9699	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9701	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9703	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9705	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9707	ERJ3GEYJ330	M 33 OHM J 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9709	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9711	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9713	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9715	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9717	ERJ3GEYJ330	M 33 OHM J 1/16W	1	
R9718-21	TSK1032	BEAD CHOKE	4	BK
R9718-21	ERJ3GEY0R00	M 0 OHM 1/16W	4	BS/ES/UY/U XS
R9718-21	J0JCC0000100	CHIP INDUCTOR	4	EK/UXK
R9722	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R9725-28	TSK1032	BEAD CHOKE	4	BK
R9725-28	ERJ3GEY0R00	M 0 OHM 1/16W	4	BS/ES/UY/U XS
R9725-28	J0JCC0000100	CHIP INDUCTOR	4	EK/UXK
R9730, 31	ERJ6GEY0R00	M 0 OHM 1/10W	2	
R9739-45	TSK1032	BEAD CHOKE	7	BK
R9739-45	ERJ3GEY0R00	M 0 OHM 1/16W	7	BS/ES/UY/U XS
R9739-45	J0JCC0000100	CHIP INDUCTOR	7	EK/UXK
R9749-51	TSK1032	BEAD CHOKE	3	BK
R9749-51	ERJ3GEY0R00	M 0 OHM 1/16W	3	BS/ES/UY/U XS
R9749-51	J0JCC0000100	CHIP INDUCTOR	3	EK/UXK
R9753	TSK1032	BEAD CHOKE	1	BK
R9753	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9753	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9755	TSK1032	BEAD CHOKE	1	BK
R9755	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9755	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9757	TSK1032	BEAD CHOKE	1	BK
R9757	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9757	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9765	TSK1032	BEAD CHOKE	1	BK
R9765	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9765	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9766	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9767-70	TSK1032	BEAD CHOKE	4	BK
R9767-70	ERJ3GEY0R00	M 0 OHM 1/16W	4	BS/ES/UY/U XS
R9767-70	J0JCC0000100	CHIP INDUCTOR	4	EK/UXK
R9771	ERJ3GEYJ560	M 56 OHM J 1/16W	1	
R9774	ERJ3GEYJ560	M 56 OHM J 1/16W	1	
R9775	TSK1032	BEAD CHOKE	1	BK
R9775	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9775	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9776	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9778	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9780-82	TSK1032	BEAD CHOKE	3	BK
R9780-82	ERJ3GEY0R00	M 0 OHM 1/16W	3	BS/ES/UY/U XS
R9780-82	J0JCC0000100	CHIP INDUCTOR	3	EK/UXK
R9783	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9785	TSK1032	BEAD CHOKE	1	BK
R9785	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9785	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9787	TSK1032	BEAD CHOKE	1	BK
R9787	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9787	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9789	TSK1032	BEAD CHOKE	1	BK
R9789	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9789	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9795	TSK1032	BEAD CHOKE	1	BK
R9795	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS
R9795	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9797	TSK1032	BEAD CHOKE	1	BK
R9797	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/U XS

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9797	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9799	ERJ3GEYJ561	M 560 OHM J 1/16W	1	
R9800	TSK1032	BEAD CHOKE	1	BK
R9800	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9800	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9803	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9804	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R9805, 06	TSK1032	BEAD CHOKE	2	BK
R9805, 06	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/UXS
R9805, 06	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9809, 10	TSK1032	BEAD CHOKE	2	BK
R9809, 10	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/UXS
R9809, 10	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9813	TSK1032	BEAD CHOKE	1	BK
R9813	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9813	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9814	J0JCC0000100	CHIP INDUCTOR	1	BK/EK/UXK
R9814	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9815	TSK1032	BEAD CHOKE	1	BK
R9815	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9815	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9816	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9817	TSK1032	BEAD CHOKE	1	BK
R9817	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9817	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9818-21	ERJ3GEYJ472	M 4.7KOHM J 1/16W	4	
R9822	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9823-31	ERJ3GEYJ472	M 4.7KOHM J 1/16W	9	
R9832	TSK1032	BEAD CHOKE	1	BK
R9832	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9832	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9833-35	ERJ3GEYJ103	M 10KOHM J 1/16W	3	
R9836-39	TSK1032	BEAD CHOKE	4	BK
R9836-39	ERJ3GEY0R00	M 0 OHM 1/16W	4	BS/ES/UY/UXS
R9836-39	J0JCC0000100	CHIP INDUCTOR	4	EK/UXK
R9840-42	EXB38V103J	RESISTOR ARRAY	3	
R9843	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9854	ERJ3GEYJ102	M 1KOHM J 1/16W	1	
R9857-59	TSK1032	BEAD CHOKE	3	BK
R9857-59	ERJ3GEY0R00	M 0 OHM 1/16W	3	BS/ES/UY/UXS
R9857-59	J0JCC0000100	CHIP INDUCTOR	3	EK/UXK
R9860-65	ERJ3GEYJ101	M 100 OHM J 1/16W	6	BK/BS/EK/ES
R9860-65	ERJ3GEYJ101	M 100 OHM J 1/16W	6	UY/UXK/UXS △
R9866	EXB2HV470JV	RESISTOR ARRAY	1	
R9867, 68	TSK1032	BEAD CHOKE	2	BK
R9867, 68	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/UXS
R9867, 68	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9870	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/ES
R9870	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS △
R9871	EXB2HV470JV	RESISTOR ARRAY	1	
R9872-74	ERJ3GEYJ101	M 100 OHM J 1/16W	3	BK/BS/EK/ES
R9872-74	ERJ3GEYJ101	M 100 OHM J 1/16W	3	UY/UXK/UXS △
R9876	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/ES
R9876	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS △
R9877	EXB2HV470JV	RESISTOR ARRAY	1	
R9878	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9880	ERJ3GEYJ560	M 56 OHM J 1/16W	1	
R9884	ERJ3GEYJ100	M 10 OHM J 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9886	TSK1032	BEAD CHOKE	1	BK
R9886	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9886	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9888	TSK1032	BEAD CHOKE	1	BK
R9888	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9888	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9892	ERJ3GEYJ472	M 4.7KOHM J 1/16W	1	
R9893	TSK1032	BEAD CHOKE	1	BK
R9893	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9893	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9894	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9897	ERJ3GEYJ101	M 100 OHM J 1/16W	1	BK/BS/EK/ES
R9897	ERJ3GEYJ101	M 100 OHM J 1/16W	1	UY/UXK/UXS △
R9898	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R9899	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9906, 07	ERJ6GEY0R00	M 0 OHM 1/10W	2	
R9911-13	ERJ3GEYJ750	M 75 OHM J 1/16W	3	
R9916, 17	TSK1032	BEAD CHOKE	2	BK
R9916, 17	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/UXS
R9916, 17	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9918	ERJ3EKF6801	M 6.8KOHM 1/16W	1	
R9919-21	TSK1032	BEAD CHOKE	3	BK
R9919-21	ERJ3GEY0R00	M 0 OHM 1/16W	3	BS/ES/UY/UXS
R9919-21	J0JCC0000100	CHIP INDUCTOR	3	EK/UXK
R9922	ERJ3GEYJ272	M 2.7KOHM J 1/16W	1	
R9924	ERJ6GEY0R00	M 0 OHM 1/10W	1	
R9936	TSK1032	BEAD CHOKE	1	BK
R9936	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9936	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9942	TSK1032	BEAD CHOKE	1	BK
R9942	ERJ3GEY0R00	M 0 OHM 1/16W	1	BS/ES/UY/UXS
R9942	J0JCC0000100	CHIP INDUCTOR	1	EK/UXK
R9950	ERJ3GEYJ680	M 68 OHM J 1/16W	1	
R9951-58	EXB38V680J	RESISTOR ARRAY	8	
R9979, 80	ERJ3GEYJ272	M 2.7KOHM J 1/16W	2	
R9985, 86	TSK1032	BEAD CHOKE	2	BK
R9985, 86	ERJ3GEY0R00	M 0 OHM 1/16W	2	BS/ES/UY/UXS
R9985, 86	J0JCC0000100	CHIP INDUCTOR	2	EK/UXK
R9987, 88	ERJ3GEYJ103	M 10KOHM J 1/16W	2	
R9994	ERJ3GEYJ332	M 3.3KOHM J 1/16W	1	
R9995	ERJ3GEYJ221	M 220 OHM J 1/16W	1	
R9996	ERJ3GEYJ103	M 10KOHM J 1/16W	1	
R9999	ERJ3GEYJ101	M 100 OHM J 1/16W	1	
RL920	K6B2ADA00007	REALY	1	△
RM001	PNA4601M05TV	REMOCO RECEIVER	1	
RTL	ETXMM566MBG	MODULE P	1	△
RTL	TNPA3003AB	CIRCUIT BOARD H3	2	△
RTL	TNPA3198AD	CIRCUIT BOARD Z	1	△
RTL	TNPA3246AC	CIRCUIT BOARD J	1	△
RTL	TNPA3535	CIRCUIT BOARD V	1	△
RTL	TNPA3536	CIRCUIT BOARD S	1	△
RTL	TNPA3537	CIRCUIT BOARD R	1	△
RTL	TXNHA10RBS	CIRCUIT BOARD HA	1	BK/BS/EK/ES/UY △
RTL	TXNHB10QXS	CIRCUIT BOARD HB	1	BK/BS/EK/ES/UY △
RTL	TXNPF10Q59	CIRCUIT BOARD PF	1	△
RTL	TZTNP010Q60	CIRCUIT BOARD HX	1	△
RTL	TZTNP010Q61	CIRCUIT BOARD D	1	△
S34	K1KA03AA0193	3P CONNECTOR	1	
S901, 02	J0LT00000009	SWITCH	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
SN1550	B3L000000020	IC	1	
SW061	ESB64601	SWITCH(POWER)	1	
SW1550-54	EVQPB005R	SWITCH	5	
T920	ETS28AZ1K6ND	SWITCHING TRANS	1	BK/BS/EK/ES ⚠
T920	ETS28AZ1K6ND	SWITCHING TRANS	1	UY/UXK/UXS ⚠
V35	TJS6A8780	3P CONNECTOR	1	
X3101	H0J202500002	CRYSTAL	1	BK/BS/EK/ES/UY
X8181	H0J327200114	CRYSTAL	1	
X9001	H0J400400017	CRYSTAL	1	
X9500	H0J200500038	CRYSTAL	1	
Z5	K1KA11AA0153	11P CONNECTOR	1	
Z6	K1KA04AA0192	4P CONNECTOR	1	
Z7	K1KA03A00172	3P CONNECTOR	1	
Z8	K1KA20AA0008	20P CONNECTOR	1	
Z10	K1KA05AA0193	5P CONNECTOR	1	
Z30-33	K1KA03A00172	3P CONNECTOR	4	
ZA001-03	K4ZZ01000206	EARTH LUG	3	
ZA902-05	K9ZZ00000424	CONNECTOR	4	
ZA3001-04	K4CD01000013	TERMINAL	4	
ZA3007, 08	K4CD01000013	TERMINAL	2	
ZA9501-07	TESA169	SHIELD CLIP	7	